



| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Citation of document with indication, where appropriate, of relevant passages                                                                                                                                                                                                                                                                                                                                                                                                  | Relevant to claim                                  | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
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| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PATENT ABSTRACTS OF JAPAN<br>vol. 1999, no. 08,<br>30 June 1999 (1999-06-30)<br>& JP 11 060502 A (TEIJIN LTD),<br>2 March 1999 (1999-03-02)<br>* abstract *                                                                                                                                                                                                                                                                                                                    | 1-40                                               |                                              |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PATENT ABSTRACTS OF JAPAN<br>vol. 1997, no. 07,<br>31 July 1997 (1997-07-31)<br>& JP 09 067399 A (MITSUI TOATSU CHEM INC),<br>11 March 1997 (1997-03-11)<br>* abstract *                                                                                                                                                                                                                                                                                                       | 1-40                                               | TECHNICAL FIELDS<br>SEARCHED (Int.Cl.7)      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ZHANG Y J ET AL: "STRUCTURE/ACTIVITY<br>ANALYSIS OF HUMAN MONOCYTE CHEMOATTRACTANT<br>PROTEIN-1 (MCP-1) BY MUTAGENESIS.<br>IDENTIFICATION OF A MUTATED PROTEIN THAT<br>INHIBITS MCP-1 MEDIATED MONOCYTE<br>CHEMOTAXIS"<br>JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN<br>SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE,<br>MD, US,<br>vol. 269, no. 22,<br>3 June 1994 (1994-06-03), pages<br>15918-15924, XP002017744<br>ISSN: 0021-9258<br>* the whole document *<br>-----<br>-/-- | 1-40                                               | C07K                                         |
| The supplementary search report has been based on the last set of claims valid and available at the start of the search.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                              |
| Place of search<br>Munich                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date of completion of the search<br>25 August 2005 | Examiner<br>Rankin, R                        |
| <div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</div> <div>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>.....<br/>&amp; : member of the same patent family, corresponding document</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                              |



| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                          |                                                           |                                              |
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| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Citation of document with indication, where appropriate, of relevant passages                                                                                                                                                                                                                                                            | Relevant to claim                                         | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
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| The supplementary search report has been based on the last set of claims valid and available at the start of the search.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                          |                                                           |                                              |
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 78 8686

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

25-08-2005

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|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|
| 专利名称(译)        | 针对单核细胞化学引诱蛋白-1 ( MCP-1 ) 的抗体及其用途                                                                                                                                          |         |            |
| 公开(公告)号        | <a href="#">EP1542724A4</a>                                                                                                                                               | 公开(公告)日 | 2005-10-19 |
| 申请号            | EP2003788686                                                                                                                                                              | 申请日     | 2003-08-19 |
| [标]申请(专利权)人(译) | 阿布格尼克斯公司                                                                                                                                                                  |         |            |
| 申请(专利权)人(译)    | Abgenix公司 , INC.                                                                                                                                                          |         |            |
| 当前申请(专利权)人(译)  | Abgenix公司 , INC.                                                                                                                                                          |         |            |
| [标]发明人         | GUDAS JEAN M<br>HAAK FREENDSCHO MARY<br>FOORD ORIT<br>LIANG MEINA L<br>AHLUWALIA KIRAN<br>BHAKTA SUNIL                                                                    |         |            |
| 发明人            | GUDAS, JEAN, M.<br>HAAK-FREENDSCHO, MARY<br>FOORD, ORIT<br>LIANG, MEINA, L.<br>AHLUWALIA, KIRAN<br>BHAKTA, SUNIL                                                          |         |            |
| IPC分类号         | G01N33/53 A61K39/395 A61P9/10 A61P13/12 A61P17/06 A61P19/02 A61P25/00 A61P29/00 A61P35/00 A61P35/04 A61P37/00 A61P43/00 C07K16/00 C07K16/24 C07K17/00 C12N15/09 C12P21/08 |         |            |
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| 代理机构(译)        | .德克拉克 , ANN                                                                                                                                                               |         |            |
| 优先权            | 60/404802 2002-08-19 US                                                                                                                                                   |         |            |
| 其他公开文献         | EP1542724A2                                                                                                                                                               |         |            |
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## 摘要(译)

本文描述的本发明的实施方案涉及针对抗原单核细胞化学引诱蛋白-1 ( MCP-1 ) 的抗体和这些抗体的用途。特别地，根据一些实施方案，提供了针对抗原MCP-1的完全人单克隆抗体。编码的核苷酸序列和包含重链和轻链免疫球蛋白分子的氨基酸序列，特别是对应于跨越框架区和/或互补决定区 ( CDR ) 的连续重链和轻链序列的序列，特别是来自FR1至FR4或CDR1至CDR3的序列。，提供。还提供了表达此类免疫球蛋白分子和单克隆抗体的杂交瘤或其他细胞系。

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                              |
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| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NO 02/02640 A (NOVARTIS AG; NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.; HIESTA) 10 January 2002 (2002-01-10)<br>* page 3, line 31 - page 4, line 4 *<br>* page 4, line 32 - page 5, line 6 *<br>* page 12, line 18 - page 15, line 15 *<br>* page 16, line 17 - page 17, line 32 *<br>* Claims: examples *                                                                                                      | 1-40              | A61K39/395<br>C07K16/24<br>G01N33/53         |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PATENT ABSTRACTS OF JAPAN vol. 1999, no. 88, 30 June 1999 (1999-06-30) & JP 11 060502 A (TEIJIN LTD), 2 March 1999 (1999-03-02)<br>* abstract *                                                                                                                                                                                                                                                                          | 1-40              |                                              |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) & JP 09 067399 A (MITSUBI TOATSU CHEM INC), 11 March 1997 (1997-03-11)<br>* abstract *                                                                                                                                                                                                                                                            | 1-40              |                                              |
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| The supplementary search report has been based on the last set of claims valid and available at the start of the search.                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                              |
| Munich                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                          | 25 August 2005    | Rankin, R                                    |
| CATEGORY OF CITED DOCUMENTS<br>X particularly relevant if taken alone<br>Y particularly relevant if combined with another document of the same category<br>A technological background<br>D non-written document<br>F intermediate document<br>I theory or principle underlying the invention<br>E earlier patent document, but published on, or after, the filing date<br>D document cited in the application<br>L document cited for other reasons<br>& / or review of the same patent family, corresponding document |                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                              |