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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)

(57) Abstract: Isolated human monoclonal antibodies which specifically bind to IL-15 (e.g., human IL-15), and related antibody-based compositions and molecules, are disclosed. The human antibodies can be produced in a transfectoma or in a non-human transgenic animal, e.g., a transgenic mouse, capable of producing multiple isotypes of human monoclonal antibodies by undergoing V-D-J recombination and isotype switching. Also disclosed are pharmaceutical compositions comprising the human antibodies, non-human transgenic animals, and hybridomas which produce the human antibodies, and therapeutic and diagnostic methods for using the human antibodies.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/26769

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12N 5/10, 5/12, 5/16, 5/18, 15/12, 15/63, 15/64; C07K 14/47, 16/24; A61K 39/395, 39/44
US CL : 536/23.1, 23.5, 23.53; 530/387.1, 388.1, 388.23; 424/130.1, 139.1, 141.1, 145.1, 178.1; 435/69.1, 325, 326, 331, 320.1

B. FIELDS SEARCHED

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U.S. : 536/23.1, 23.5, 23.53; 530/387.1, 388.1, 388.23; 424/130.1, 139.1, 141.1, 145.1, 178.1; 435/69.1, 325, 326, 331, 320.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,795,966 A (GRABSTEIN et al) 18 August 1998 (18.08.1998), column 3, lines 5-20, column 15-16.	1-2, 9, 13, 14, 16, 35, 45-47, 61-62 ----- 57-60
A	US 5,591,630 A (ANDERSON et al) 07 January 1997 (07.01.1997), see entire document.	3-8, 10-12, 15, 17-34, 36-44, 48-56



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

CAS ONLINE, MEDLINE, WEST, CAPLUS, USPATFULL

search terms: IL-15 antibody, monoclonal, compositions, hybridoma, transfectoma, immunoconjugate, method of production, therapy, treatment, method, administer, diagnosis, assay, nucleic acid, expresson vector