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(54) Title: ANTIBODIES THAT BIND OV064 AND METHODS OF USE THEREFOR

(57) Abstract: Antibodies and antigen-binding fragments of antibodies that bind OV064 are disclosed. The antibodies bind an extracellular domain of OV064. Some of the antibodies and antigen- binding fragments bind an epitope on OV064 sufficient to induce internalization. In some embodiments, the antibodies are humanized, chimeric or human. Nucleic acids and vectors encoding the antibodies or portions thereof, recombinant cells that contain the nucleic acids, and compositions comprising the antibodies or antigen-binding fragments are also disclosed. The invention also provides therapeutic and diagnostic methods utilizing the antibodies and antigen- binding fragments provided herein.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US06/08892

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61K 39/395**(2006.01);**C12P 21/08**(2006.01);**C07K 16/00**(2006.01);**G01N 33/574**(2006.01);**C12P 21/04**(2006.01);**C07H 21/04**(2006.01)

USPC: 424/133.1,141.1,155.1,181.1,183.1;530/387.3,388.1,388.8,391.7;435/7.23,69.6,70.21;536/23.53

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 424/133.1, 141.1, 155.1, 181.1, 183.1; 530/387.3, 388.1, 388.8, 391.7; 435/7.23, 69.6, 70.21; 536/23.53

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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.
A	BODEY B. et al. Genetically Engineered Monoclonal Antibodies for Direct Anti-Neoplastic Treatment and Cancer Cell Specific Delivery of Chemotherapeutic Agents. Current Pharmaceutical Design. 2000, Vol. 6, pages 261-276, see entire document.	1-31

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Continuation of B. FIELDS SEARCHED Item 3:
Geneseq, PIR, Uniprot, issued patents, published applications, WEST, Medline, Embase, Scisearch, Lifesci, biosis, biotechno, dissabs
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