

Title (en)

TUMOR SPECIFIC MONOCLONAL ANTIBODIES

Title (de)

TUMORSPEZIFISCHE MONOKLONALE ANTIKÖRPER

Title (fr)

ANTICORPS MONOCLONAUX SPECIFIQUES DE TUMEUR

Publication

**EP 1446416 A4 20051130 (EN)**

Application

**EP 02803674 A 20021119**

Priority

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Abstract (en)

[origin: WO03044036A1] The invention provides tumor-specific human monoclonal antibodies and functional fragments. Also provided are nucleic acids encoding tumor-specific human monoclonal antibodies and functional fragments. A method for reducing neoplastic cell proliferation is also provided. The method consists of administering an effective amount of a tumor-specific human monoclonal antibody or functional fragment. Also provided is a method of detecting a neoplastic cell in a sample. The method consists of contacting a cell with a tumor-specific monoclonal antibody or functional fragment and detecting the specific binding of the human monoclonal antibody or functional fragment to the sample.

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IPC 8 full level

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**A61P 35/00** (2017.12); **C07K 16/30** (2013.01); **A61K 2039/505** (2013.01); **C07K 2317/21** (2013.01); **C07K 2317/55** (2013.01); **C07K 2317/565** (2013.01); **C07K 2317/77** (2013.01)

Citation (search report)

- [X] WO 0032635 A2 20000608 - IXSYS INC [US]
- [X] WO 0063699 A1 20001026 - PHILOGEN SRL [IT], et al
- [X] PANCOOK J D ET AL: "In vitro affinity maturation of human IgM antibodies reactive with tumor-associated antigens.", HYBRIDOMA AND HYBRIDOMICS. 2001, vol. 20, no. 5-6, 2001, pages 383 - 396, XP002348142, ISSN: 1536-8599
- [A] WU H ET AL: "STEPWISE IN VITRO AFFINITY MATURATION OF VITAXIN, AN ALPHAVBETA3-SPECIFIC HUMANIZED MAB", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC, US, vol. 95, no. 11, 26 May 1998 (1998-05-26), pages 6037 - 6042, XP000918969, ISSN: 0027-8424
- [A] PRAT M ET AL: "CAR-3 A MONOCLONAL ANTIBODY-DEFINED ANTIGEN EXPRESSED ON HUMAN CARCINOMAS", CANCER RESEARCH, vol. 45, no. 11 PART 2, 1985, pages 5799 - 5807, XP009055057, ISSN: 0008-5472
- See references of WO 03044036A1

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