

Title (en)

MONOCLONAL ANTIBODY DIRECTED AGAINST THE HUMAN LDL RECEPTOR

Title (de)

GEGEN DEN HUMANEN LDL-REZEPTOR GERICHTETER MONOKLONALER ANTIKÖRPER

Title (fr)

ANTOCORPS MONOCLONAL DIRIGE CONTRE LE RECEPTEUR HUMAIN DES LDL

Publication

EP 2167544 A2 20100331 (FR)

Application

EP 07872460 A 20071228

Priority

- FR 2007002187 W 20071228
- FR 0611546 A 20061229

Abstract (en)

[origin: FR2910896A1] Monoclonal antibody directed against human low-density lipoprotein receptor comprises light chain variable regions encoded by a defined murine nucleic acid sequence, heavy chain variable regions encoded by a defined murine nucleic acid sequence, and light and heavy chain constant regions derived from a nonmurine species. Monoclonal antibody directed against human low-density lipoprotein receptor comprises light chain variable regions encoded by murine nucleic acid sequence SEQ ID NO:5 (defined sequence of 336 nucleotides given in the specification), heavy chain variable regions encoded by murine nucleic acid sequence SEQ ID NO:7 (defined sequence of 345 nucleotides given in the specification), and light and heavy chain constant regions derived from a nonmurine species. Independent claims are also included for: (1) vector for expressing the light chain of an antibody as above, with SEQ ID NO:12 (defined sequence of 6288 nucleotides given in the specification); (2) vector for expressing the heavy chain of an antibody as above, with SEQ ID NO:18 (defined sequence of 6717 nucleotides given in the specification); (3) stable cell line producing the antibody; (4) DNA fragment with SEQ ID NO:19 (defined sequence of 1341 nucleotides given in the specification) coding for the heavy chain of the antibody; (5) DNA fragment with SEQ ID NO:13 (defined sequence of 663 nucleotides given in the specification) coding for the light chain of the antibody; (6) use of a monoclonal antibody directed against human low-density lipoprotein receptor for preparing a medicament for treating melanoma. ACTIVITY : Cytostatic. MECHANISM OF ACTION : Immunotherapy.

IPC 8 full level

C07K 16/30 (2006.01); **A61P 35/00** (2006.01); **C07K 16/28** (2006.01)

CPC (source: EP KR US)

A61K 39/395 (2013.01 - KR); **A61P 35/00** (2017.12 - EP); **C07K 16/28** (2013.01 - EP KR US); **C07K 16/2833** (2013.01 - EP US); **C07K 16/30** (2013.01 - KR); **C07K 2317/24** (2013.01 - EP US); **C07K 2317/56** (2013.01 - EP US); **C07K 2317/72** (2013.01 - EP US); **C07K 2317/73** (2013.01 - EP US); **C07K 2317/732** (2013.01 - EP US); **C07K 2317/75** (2013.01 - EP US)

Citation (search report)

See references of WO 2008099071A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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