

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)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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AL BA HR MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
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