

Title (en)

HUMAN MONOCLONAL ANTIBODIES TO PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA)

Title (de)

MENSCHLICHE MONOKLONALE ANTIKÖRPER GEGEN PROSTATA-SPEZIFISCHES MEMBRANANTIGEN (PSMA)

Title (fr)

ANTICORPS MONOCLONAUX HUMAINS DE L'ANTIGENE D'ENVELOPPE PROSTATIQUE SPECIFIQUE (PSMA)

Publication

**EP 1519747 A2 20050406 (EN)**

Application

**EP 03721280 A 20030128**

Priority

- US 0302448 W 20030128
- US 5998902 A 20020128

Abstract (en)

[origin: WO03064606A2] Isolated human monoclonal antibodies which bind to PSMA, and related antibody-based compositions and molecules, are disclosed. The human antibodies can be produced in a nonhuman 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, nonhuman transgenic animals and hybridomas which produce the human antibodies, and therapeutic and diagnostic methods for using the human antibodies.

IPC 1-7

**A61K 39/42; A61K 39/395; C07K 14/00; C07K 16/00**

IPC 8 full level

**A01K 67/027** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 47/42** (2006.01); **A61K 47/48** (2006.01); **A61K 51/00** (2006.01); **A61P 13/08** (2006.01); **A61P 13/10** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07K 16/28** (2006.01); **C07K 16/30** (2006.01); **C07K 16/40** (2006.01); **C12N 5/10** (2006.01); **C12N 15/02** (2006.01); **C12N 15/09** (2006.01); **C12P 21/08** (2006.01)

CPC (source: EP KR)

**A61P 13/08** (2017.12 - EP); **A61P 13/10** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 16/28** (2013.01 - EP KR); **C07K 16/283** (2013.01 - EP); **C07K 16/30** (2013.01 - KR); **C07K 16/3069** (2013.01 - EP); **A61K 2039/505** (2013.01 - EP); **C07K 2317/21** (2013.01 - EP); **C07K 2317/31** (2013.01 - EP); **C07K 2317/54** (2013.01 - EP); **C07K 2317/56** (2013.01 - EP); **C07K 2317/565** (2013.01 - EP); **C07K 2317/732** (2013.01 - EP); **C07K 2317/77** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

**WO 03064606 A2 20030807; WO 03064606 A3 20050203;** AU 2003224604 B2 20070614; BR 0307216 A 20051220; CA 2474616 A1 20030807; CN 1652821 A 20050810; EP 1519747 A2 20050406; EP 1519747 A4 20060329; JP 2005518789 A 20050630; KR 20040077889 A 20040907; MX PA04007262 A 20041029; NZ 534687 A 20071026

DOCDB simple family (application)

**US 0302448 W 20030128;** AU 2003224604 A 20030128; BR 0307216 A 20030128; CA 2474616 A 20030128; CN 03807371 A 20030128; EP 03721280 A 20030128; JP 2003564202 A 20030128; KR 20047011643 A 20030128; MX PA04007262 A 20030128; NZ 53468703 A 20030128