

Title (en)

HIGH AFFINITY T-CELL RECEPTOR-LIKE NY-ESO-1 PEPTIDE ANTIBODIES, METHODS, AND USES THEREOF

Title (de)

HOCHAFFINE, T-ZELLEN-REZEPTOR-ÄHNLICHE NY-ESO-1-PEPTIDANTIKÖRPER, VERFAHREN UND ANWENDUNGEN DAVON

Title (fr)

ANTICORPS ANTI-PEPTIDE NY-ESO-1 DE TYPE RÉCEPTEUR DES CELLULES T DE HAUTE AFFINITÉ, PROCÉDÉS, ET LEURS UTILISATIONS

Publication

EP 2408819 A2 20120125 (EN)

Application

EP 10715349 A 20100319

Priority

- IB 2010000597 W 20100319
- US 21057609 P 20090320

Abstract (en)

[origin: WO2010106431A2] The present invention relates to specific binding members, particularly antibodies and fragments thereof, which bind to NY-ESO- 1 tumor antigen peptide/MHC molecule complexes, particularly in a manner like T cell receptors and with greater affinity than T cell receptors recognizing NY-ESO-I peptide/HLA complexes. These antibodies, particularly human antibodies are useful in the diagnosis and treatment of cancer, including melanoma, lung, esophageal, liver, gastric, prostate, ovarian, bladder and synovial sarcoma. The antibodies and fragments thereof of the present invention may also be used in therapy in combination with chemotherapeutics, immune modulators, or anti-cancer agents and/or with other antibodies or fragments thereof. Antibodies of this type are exemplified by the novel antibodies T1, T2 and T3 whose sequences are provided herein.

IPC 8 full level

C07K 16/30 (2006.01); **A61K 39/395** (2006.01); **A61K 47/48** (2006.01); **A61P 35/00** (2006.01); **C07K 16/28** (2006.01); **G01N 33/574** (2006.01)

CPC (source: EP)

A61P 35/00 (2017.12); **C07K 16/2833** (2013.01); **C07K 16/30** (2013.01); **A61K 2039/505** (2013.01); **C07K 2317/21** (2013.01); **C07K 2317/32** (2013.01); **C07K 2317/55** (2013.01); **C07K 2317/56** (2013.01); **C07K 2317/565** (2013.01); **C07K 2317/92** (2013.01)

Citation (search report)

See references of WO 2010106431A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010106431 A2 20100923; **WO 2010106431 A3 20101118**; EP 2408819 A2 20120125

DOCDB simple family (application)

IB 2010000597 W 20100319; EP 10715349 A 20100319