

Title (en)
ANTI-PANCREATIC CANCER ANTIBODIES

Title (de)
ANTI-PANKREASKREBS-ANTIKÖRPER

Title (fr)
ANTICORPS ANTI-CANCER PANCRÉATIQUE

Publication
EP 2331134 A4 20141015 (EN)

Application
EP 09805623 A 20090807

Priority

- US 2009053192 W 20090807
- US 8746308 P 20080808
- US 34365508 A 20081224
- US 14422709 P 20090113
- US 41887709 A 20090406

Abstract (en)
[origin: WO2010017500A2] Described herein are compositions and methods of use of anti-pancreatic cancer antibodies or fragments thereof, such as murine, chimeric, humanized or human PAM4 antibodies. The subject antibodies show a number of novel and useful therapeutic characteristics, such as binding with high specificity to pancreatic and other cancers, but not to normal or benign pancreatic tissues and binding to a high percentage of early stage pancreatic cancers. In preferred embodiments, the antibodies bind to pancreatic cancer mucins. The antibodies and fragments are of use for the detection, diagnosis and/or treatment of cancer, such as pancreatic cancer. The antibodies, such as PAM4 antibodies, bind to a PAM4 antigen that shows unique cell and tissue distributions compared with other known antibodies such as CA19.9, DUPAN2, SPAN1, Nd2, B72.3, and Lea^a and Le(y) antibodies that bind to the Lewis antigens.

IPC 8 full level
A61K 39/395 (2006.01); **C07K 16/00** (2006.01); **G01N 33/53** (2006.01)

CPC (source: EP)
A61K 39/39558 (2013.01); **A61K 45/06** (2013.01); **A61K 47/60** (2017.07); **A61K 47/6859** (2017.07); **A61K 51/088** (2013.01); **A61K 51/1057** (2013.01); **A61P 1/18** (2017.12); **A61P 35/00** (2017.12); **C07K 16/2887** (2013.01); **C07K 16/3092** (2013.01); **C07K 16/44** (2013.01); **G01N 33/57438** (2013.01); **C07K 2317/24** (2013.01); **C07K 2317/31** (2013.01); **C07K 2319/00** (2013.01)

Citation (search report)

- [X1] WO 2006107786 A2 20061012 - IBC PHARMACEUTICALS INC [US], et al
- See references of WO 2010017500A2

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 2010017500 A2 20100211; **WO 2010017500 A3 20100422**; AU 2009279503 A1 20100211; AU 2009279503 B2 20140529; CA 2731438 A1 20100211; CA 2731438 C 20170711; CN 102137681 A 20110727; CN 102137681 B 20141203; EP 2331134 A2 20110615; EP 2331134 A4 20141015; JP 2011530536 A 20111222; JP 2015110618 A 20150618; JP 5919604 B2 20160518

DOCDB simple family (application)
US 2009053192 W 20090807; AU 2009279503 A 20090807; CA 2731438 A 20090807; CN 200980134258 A 20090807; EP 09805623 A 20090807; JP 2011522288 A 20090807; JP 2015009665 A 20150121