

Title (en)  
PORCINE B7-1 AND ANTIBODIES THERETO

Title (de)  
B7-1 PROTEIN VOM SCHWEIN UND ANTIKÖRPER DAGEGEN

Title (fr)  
PROTEINES PORCINES B7-1 ET LEURS ANTICORPS

Publication  
**EP 1140146 A4 20041013 (EN)**

Application  
**EP 00973762 A 20001021**

Priority  
• US 0029155 W 20001021  
• US 16114099 P 19991022

Abstract (en)  
[origin: WO0130377A1] Soluble and transmembrane porcine B7-1 proteins, their amino acid sequences, nucleic acid sequences coding therefor, as well as antibodies reactive with the B7-1 proteins are disclosed. Methods of making the soluble and transmembrane porcine B7-1 DNA, cDNA, proteins, and antibodies, as well as, methods of using the B7-1 molecules and antibodies thereto, including use in the prevention and/or treatment of rejection of xenotransplants and treatment of inflammatory diseases, are described.

IPC 1-7  
**A61K 38/22**; **A61K 39/395**; **A61K 47/00**; **C07H 21/04**; **C07K 14/705**; **C07K 16/28**; **C12N 15/63**; **C12N 15/70**; **C12N 15/85**

IPC 8 full level  
**C07K 14/705** (2006.01); **C07K 16/28** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)  
**C07K 14/70532** (2013.01); **C07K 16/2827** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)  
• [X] WO 9947558 A2 19990923 - HESKA CORP [US], et al  
• [AD] DAVIS T A ET AL: "PRIMARY PORCINE ENDOTHELIAL CELLS EXPRESS MEMBRANE-BOUND B7-2 (CD86) AND A SOLUBLE FACTOR THAT CO-STIMULATE CYCLOSPORIN A-RESISTANT AND CD28-DEPENDENT HUMAN T CELL PROLIFERATION", INTERNATIONAL IMMUNOLOGY, OXFORD UNIVERSITY PRESS, GB, vol. 8, no. 7, July 1996 (1996-07-01), pages 1099 - 1111, XP000973222, ISSN: 0953-8178  
• See references of WO 0130377A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0130377 A1 20010503**; AU 1223401 A 20010508; CA 2361637 A1 20010503; EP 1140146 A1 20011010; EP 1140146 A4 20041013

DOCDB simple family (application)  
**US 0029155 W 20001021**; AU 1223401 A 20001021; CA 2361637 A 20001021; EP 00973762 A 20001021