

Title (en)

CYTOTOXIC T-CELL EPITOPE OF THE PAPILLOMA VIRUS L1-PROTEIN AND USE THEREOF IN DIAGNOSIS AND THERAPY

Title (de)

ZYTOTOXISCHE T-ZELLEPITOPE DES PAPILLOMAVIRUS L1-PROTEINS UND IHRE VERWENDUNG IN DIAGNOSTIK UND THERAPIE

Title (fr)

EPITOPES CYTOTOXIQUES DE CELLULE T DE LA PROTEINE L1 DU PAPILLOMAVIRUS ET LEUR APPLICATION EN DIAGNOSTIC ET THERAPIE

Publication

**EP 1181312 A1 20020227 (DE)**

Application

**EP 00940295 A 20000531**

Priority

- DE 19925199 A 19990601
- EP 0005006 W 20000531

Abstract (en)

[origin: DE19925199A1] The invention relates to a papilloma virus T-cell epitope with an amino acid sequence ILVPKVSGL, RLVWACVGV, HLFNRAGTV, YLRREQMFV, TLQANKSEV, ILEDWNFGL, SLWLPSEATVYL, NLASSNYFPT, TLTADVMTYI, YLPPVPVSKV, YDLQFIFQL, ICWGNQLFV, FYNPDTQRL, MHGDTPTLH, ETTDLYCY, QAEPDRAHYN, SMVTSDAQI, and/or a functionally active variant thereof. The invention also relates to the use thereof in diagnosis and therapy.

IPC 1-7

**C07K 14/025**

IPC 8 full level

**C12N 15/09** (2006.01); **A61K 9/08** (2006.01); **A61K 35/76** (2006.01); **A61K 38/00** (2006.01); **A61K 45/00** (2006.01); **A61K 47/46** (2006.01);  
**A61P 31/12** (2006.01); **C07K 14/025** (2006.01); **C12N 5/10** (2006.01); **C12N 7/04** (2006.01); **C12Q 1/02** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)

**A61P 31/12** (2018.01 - EP); **C07K 14/005** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **A61K 39/00** (2013.01 - EP US);  
**C12N 2710/20022** (2013.01 - EP US)

Cited by

CN1328287C

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)

**DE 19925199 A1 20001207**; AU 5527500 A 20001218; CA 2375802 A1 20001207; EP 1181312 A1 20020227; JP 2003502027 A 20030121;  
US 2004258708 A1 20041223; US 6838084 B1 20050104; WO 0073335 A1 20001207

DOCDB simple family (application)

**DE 19925199 A 19990601**; AU 5527500 A 20000531; CA 2375802 A 20000531; EP 0005006 W 20000531; EP 00940295 A 20000531;  
JP 2001500659 A 20000531; US 89052604 A 20040713; US 98017702 A 20020502