

Title (en)  
T-LYMPHOTROPIC RETROVIRUS MONOCLONAL ANTIBODIES

Publication  
**EP 0472659 A4 19920408 (EN)**

Application  
**EP 90909217 A 19900514**

Priority  
US 35188289 A 19890515

Abstract (en)  
[origin: WO9014358A1] The instant invention relates to monoclonal antibodies, the cell lines producing those antibodies, the peptides that comprise the epitopes of those antibodies and assays using those antibodies and peptides for the detection of HIV-1 and HIV-2 gene products. In particular, the antibodies react with the p24/p26 capsid protein, the nonapeptide that comprises an HIV-1/HIV-2 conserved epitope is disclosed and a capture ELISA using a combination of three monoclonal antibodies that can detect simultaneously HIV-1 and HIV-2 is disclosed.

IPC 1-7  
**C07K 7/06**; C07K 7/08; C07K 15/28; G01N 33/543; G01N 33/569; G01N 33/571; G01N 33/577

IPC 8 full level  
**C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/155** (2006.01); **C07K 14/16** (2006.01); **C07K 16/00** (2006.01); **C07K 16/10** (2006.01); **C12N 5/10** (2006.01); **C12N 15/02** (2006.01); **C12P 21/08** (2006.01); **G01N 33/53** (2006.01); **G01N 33/569** (2006.01); **G01N 33/577** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)  
**C07K 14/005** (2013.01); **C07K 16/1054** (2013.01); **C07K 2317/34** (2013.01); **C12N 2740/16222** (2013.01)

Citation (search report)  
• [XP] EP 0345461 A2 19891213 - ABBOTT LAB [US]  
• See references of WO 9014358A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9014358 A1 19901129**; AU 5835590 A 19901218; AU 642886 B2 19931104; CA 2032509 A1 19901116; EP 0472659 A1 19920304; EP 0472659 A4 19920408; FI 915333 A0 19911112; JP H04505621 A 19921001; KR 0168447 B1 19990115; KR 920701243 A 19920811; ZA 903492 B 19910227

DOCDB simple family (application)  
**US 9002874 W 19900514**; AU 5835590 A 19900514; CA 2032509 A 19900514; EP 90909217 A 19900514; FI 915333 A 19911112; JP 50898690 A 19900514; KR 910700048 A 19910114; ZA 903492 A 19900508