

Title (en)  
ISOLATED CYTOTOXIC FACTOR ASSOCIATED WITH MULTIPLE SCLEROSIS AND METHOD OF DETECTING SAID CYTOTOXIC FACTOR

Title (de)  
ISOLIERTER, MIT MULTIPLER SKLEROSE ASSOZIIERTER ZYTOTOXISCHER FAKTOR UND VERFAHREN ZUM NACHWEIS DIESES ZYTOTOXISCHEN FAKTORS

Title (fr)  
FACTEUR CYTOTOXIQUE ISOLE ASSOCIE A LA SCLEROSE EN PLAQUES ET PROCEDE DE DETECTION DUDIT FACTEUR CYTOTOXIQUE

Publication  
**EP 1697410 A1 20060906 (FR)**

Application  
**EP 04816595 A 20041222**

Priority  
• FR 2004050748 W 20041222  
• FR 0315265 A 20031223

Abstract (en)  
[origin: FR2864086A1] The cytotoxic factor is selected from the GM2AP/GM2/MRP14 and mutated GM2AP/GM2/MRP14 hetero-complex in which the mutated GM2AP corresponds to the SEQ ID NO :2 sequence. The detection and/or quantification of such a cytotoxic factor is carried out with a biological sample which is placed in contact with a capture antibody from those which bond specifically with the following proteins or complexes. The cytotoxic factor is selected from the GM2AP/GM2/MRP14 and mutated GM2AP/GM2/MRP14 hetero-complex in which the mutated GM2AP corresponds to the SEQ ID NO :2 sequence. The detection and/or quantification of such a cytotoxic factor is carried out with a biological sample which is placed in contact with a capture antibody from those which bond specifically with the following proteins or complexes: GM2AP, mutated GM2AP, MRP14, the GM2AP/GM2 complex, the mutated GM2AP/GM2 complex, and the MRP14?GM2 complex, where the mutated GM2AP corresponds to the SEQ ID NO :2 sequence. The sample is then placed in contact with a marked detection antibody selected from those that bond specifically with the above proteins, and the cytotoxic factor is detected and/or quantified by detection and/or quantification of the marked detection antibody.

IPC 8 full level  
**C07K 14/52** (2006.01); **C07K 14/47** (2006.01); **C07K 16/18** (2006.01); **C07K 16/24** (2006.01); **C07K 16/30** (2006.01); **G01N 33/564** (2006.01)

CPC (source: EP US)  
**C07K 14/47** (2013.01 - EP US); **C07K 14/52** (2013.01 - EP US); **C07K 16/18** (2013.01 - EP US); **C07K 16/24** (2013.01 - EP US); **C07K 16/3084** (2013.01 - EP US); **G01N 33/564** (2013.01 - EP US); **C07K 2317/32** (2013.01 - EP US); **G01N 2800/285** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005063810A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**FR 0315265 A 20031223**; EP 04816595 A 20041222; FR 2004050748 W 20041222; JP 2006546286 A 20041222; US 58267404 A 20041222