

Title (en)
ANTIGEN OF THE PM-2 ANTIBODY AND USE THEREOF

Title (de)
ANTIGEN DES PM-2 ANTIKÖRPERS UND DESSEN VERWENDUNG

Title (fr)
ANTIGENE DE L'ANTICORPS PM-2 ET SON UTILISATION

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Application
EP 05735145 A 20050310

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Abstract (en)
[origin: WO2005092922A2] The invention relates to a polypeptide, which is expressed on the cell surface as a membrane-bound protein, is glycosylated at one or more points (membrane glycoprotein) and whose amino acid sequence corresponds partially or completely to that of the integrin binding protein p80 (accession # AJ131720) or REV1 (accession # AF206019). The membrane glycoprotein is expressed by neoplastic cells and not by non-neoplastic cells and as an antigen specifically binds the human monoclonal antibody PM-2 (DSM number: DSM ACC2600) and is in addition N-glycosidically and O-glucosidically linked. The invention also relates to a method for the isolation or production of the antigen and to the use of the latter for producing a medicament for immunization. The isolated antigen is also used to identify medicaments with an apoptotic or cell-proliferation inhibiting action. The invention also relates to the use of the membrane glycoprotein as a tumour marker.

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