

Title (en)

MONOCLONAL ANTIBODY AGAINST THE RGD-DIRECTED ADHESION RECEPTOR OF ENDOTHELIAL CELLS.

Title (de)

MONOKLONALER ANTIKÖRPER GEGEN DEN RGD-GERICHTETEN ADHÄSIONSREZEPTOR VON ENDOTHELIALEN ZELLEN.

Title (fr)

ANTICORPS MONOCLONAL UTILISE CONTRE LE RECEPTEUR D'ADHESION A DIRECTION RGD DE CELLULES ENDOTHELIALES.

Publication

**EP 0341303 A4 19900627 (EN)**

Application

**EP 89900512 A 19881117**

Priority

US 12304587 A 19871119

Abstract (en)

[origin: WO8905155A1] A monoclonal antibody that immunoreacts with ECr, the RGD-directed adhesion receptor found on the surface of both endothelial and melanoma cells, is disclosed. Methods whereby that monoclonal antibody can be used to inhibit the ability of cells that contain the adhesion receptor to adhere to a subendothelial matrix composed of vitronectin, fibrinogen or von Willebrand factor are also disclosed. Further disclosed are diagnostic systems and methods for assaying for ECr in a body sample using the antibody of the invention.

IPC 1-7

**A61K 39/395**; **A61K 49/00**; **C12N 5/00**; **G01N 33/577**

IPC 8 full level

**A61K 39/395** (2006.01); **A61K 49/00** (2006.01); **A61P 35/00** (2006.01); **C07K 16/28** (2006.01); **C07K 16/30** (2006.01); **C12N 5/10** (2006.01); **C12N 15/02** (2006.01); **C12P 21/08** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01); **G01N 33/577** (2006.01); **A61K 38/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)

**A61P 35/00** (2017.12); **C07K 16/2839** (2013.01); **C07K 16/30** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

- Proc. Natl. Acad. Sci. USA, Vol. 84, September 1987, pages 6471-6475; D.A. CHERESH: "Human endothelial cells synthesize and express an Arg-Gly-Asp-directed adhesion receptor involved in attachment to fibrinogen and von Willebrand factor", the whole article.
- See references of WO 8905155A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 8905155 A1 19890615**; AU 2807189 A 19890705; EP 0341303 A1 19891115; EP 0341303 A4 19900627; FI 893475 A0 19890718; FI 893475 A 19890718; JP H02502156 A 19900719

DOCDB simple family (application)

**US 8804118 W 19881117**; AU 2807189 A 19891117; EP 89900512 A 19881117; FI 893475 A 19890718; JP 50022088 A 19881117