10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MRC2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant MRC2.
Catalog # AT2900a

Product Information

Application	WB
Primary Accession	Q9UBG0
Other Accession	NM_006039
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2D7
Calculated MW	166674

Additional Information

Gene ID	9902
Other Names	C-type mannose receptor 2, C-type lectin domain family 13 member E, Endocytic receptor 180, Macrophage mannose receptor 2, Urokinase-type plasminogen activator receptor-associated protein, UPAR-associated protein, Urokinase receptor-associated protein, CD280, MRC2, CLEC13E, ENDO180, KIAA0709, UPARAP
Target/Specificity	MRC2 (NP_006030, 105 a.a. ~ 214 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MRC2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

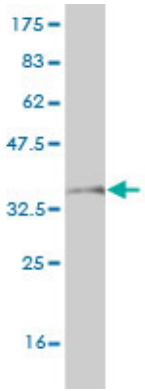
Background

MRC2 is a recycling endocytic receptor that functions in cell motility and remodeling of the extracellular matrix by promoting cell migration and uptake of collagens for intracellular degradation (Wienke et al., 2007 [PubMed 17974964]).

References

Membrane type-1 matrix metalloproteinase activity is regulated by the endocytic collagen receptor Endo180. Messaritou G, et al. J Cell Sci, 2009 Nov 15. PMID 19861500.Novel susceptibility loci for second primary tumors/recurrence in head and neck cancer patients: large-scale evaluation of genetic variants. Wu X, et al. Cancer Prev Res (Phila), 2009 Jul. PMID 19584075.The collagen receptor Endo180 (CD280) Is expressed on basal-like breast tumor cells and promotes tumor growth in vivo. Wienke D, et al. Cancer Res, 2007 Nov 1. PMID 17974964.Increased expression of the collagen internalization receptor uPARAP/Endo180 in the stroma of head and neck cancer. Sulek J, et al. J Histochem Cytochem, 2007 Apr. PMID 17189524.HIV-1 Tat interaction with cyclin T1 represses mannose receptor and the bone morphogenetic protein receptor-2 transcription. Caldwell RL, et al. Arch Biochem Biophys, 2006 May 15. PMID 16615932.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.