

**MRC2 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant MRC2.

Catalog # AT2900a

**Specification**

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**MRC2 Antibody (monoclonal) (M01) - Product Information**

Application	WB
Primary Accession	<a href="#">O9UBG0</a>
Other Accession	<a href="#">NM_006039</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	166674

**MRC2 Antibody (monoclonal) (M01) - 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.

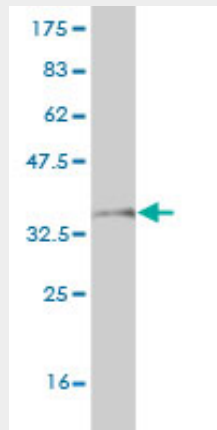
**MRC2 Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **MRC2 Antibody (monoclonal) (M01) - Images**



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

### **MRC2 Antibody (monoclonal) (M01) - 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]).

### **MRC2 Antibody (monoclonal) (M01) - 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.