



# ADA23 Monoclonal Antibody

<b>Catalog No</b>	BYmab-05280
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	ADAM23 MDC3
<b>Protein Name</b>	Disintegrin and metalloproteinase domain-containing protein 23 (ADAM 23) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3) (MDC-3)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 720-800
<b>Specificity</b>	ADA23 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	91kD
<b>Cell Pathway</b>	Cell membrane ; Single-pass type I membrane protein .; [Isoform Gamma]: Secreted.
<b>Tissue Specificity</b>	Highly expressed in the brain and weakly expressed in the heart. In the brain, expressed prominently in the amygdala, caudate nucleus, hypothalamus, thalamus, cerebral cortex and occipital pole.
<b>Function</b>	developmental stage:Highly expressed in the fetal brain.,domain:A conserved motif AVN[ED]CD within the disintegrin-like domain could be involved in the binding to the integrin receptor.,function:May play a role in cell-cell and cell-matrix interactions. This is a non-catalytic metalloprotease-like protein.,similarity:Contains 1 disintegrin domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 peptidase M12B domain.,subunit:Ligand for integrin alpha-V/beta-3.,tissue specificity:Highly expressed in the brain and weakly expressed in the heart. In the brain, expressed prominently in the amygdala, caudate nucleus, hypothalamus, thalamus, cerebral cortex and occipital pole.,

Nanjing BYabscience technology Co.,Ltd



**Background**

ADAM metallopeptidase domain 23(ADAM23) Homo sapiens This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. It is reported that inactivation of this gene is associated with tumorigenesis in human cancers. [provided by RefSeq, May 2013],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images