ADA23 Monoclonal Antibody

Catalog No	YP-mAb-05280
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ADAM23 MDC3
Protein Name	Disintegrin and metalloproteinase domain-containing protein 23 (ADAM 23) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3) (MDC-3)
Immunogen	Synthesized peptide derived from human protein . at AA range: 720-800
Specificity	ADA23 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	91kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .; [Isoform Gamma]: Secreted.
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.
Function	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.,
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