



ADA30 Monoclonal Antibody

Catalog No	BYmab-05283
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ADAM30 UNQ2509/PRO5997
Protein Name	Disintegrin and metalloproteinase domain-containing protein 30 (ADAM 30) (EC 3.4.24.-)
Immunogen	Synthesized peptide derived from human protein . at AA range: 400-480
Specificity	ADA30 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	86kD
Cell Pathway	Late endosome membrane ; Single-pass type I membrane protein .
Tissue Specificity	Expressed in brain neurons (at protein level) (PubMed:27333034). Expressed in testis (PubMed:10512762).
Function	cofactor: Binds 1 zinc ion per subunit.,domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.,function: May be involved in spermatogenesis and fertilization.,similarity: Contains 1 disintegrin domain.,similarity: Contains 1 EGF-like domain.,similarity: Contains 1 peptidase M12B domain.,tissue specificity: Expressed specifically in testis.,
Background	ADAM metalloproteinase domain 30(ADAM30) 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

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biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This gene is testis-specific and contains a polymorphic region, resulting in isoforms with varying numbers of C-terminal repeats. [provided by RefSeq, Jul 2008],

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

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