



# ADA28 Monoclonal Antibody

<b>Catalog No</b>	BYmab-05281
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	ADAM28 ADAM23 MDCL
<b>Protein Name</b>	Disintegrin and metalloproteinase domain-containing protein 28 (ADAM 28) (EC 3.4.24.-) (Epididymal metalloproteinase-like, disintegrin-like, and cysteine-rich protein II) (eMDC II) (Metalloproteinase
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 160-240
<b>Specificity</b>	ADA28 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>	85kD
<b>Cell Pathway</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Secreted.
<b>Tissue Specificity</b>	Expressed predominantly in secondary lymphoid tissues, such as lymph node, spleen, small intestine, stomach, colon, appendix and trachea. The lymphocyte population is responsible for expression of this protein in these tissues. Isoform 2 is expressed preferentially in spleen.
<b>Function</b>	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 play a role in the adhesive and proteolytic events that occur during lymphocyte emigration or may function in ectodomain shedding of lymphocyte surface target proteins, such as FASL and CD40L. May be involved in sperm maturation.,PTM:Pro-domain removal and maturation may be, at least in part, autocatalytic.,similarity:Contains 1 disintegrin

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domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 peptidase M12B domain.,tissue specificity:Expressed predominantly in secondary lymphoid tissues, such as lymph node, spleen, small intestine, stomach, colon, appendix and trachea. The lymphocyte populat

**Background**

ADAM metallopeptidase domain 28(ADAM28) 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. The protein encoded by this gene is a lymphocyte-expressed ADAM protein. This gene is present in a gene cluster with other members of the ADAM family on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015],

**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