

ADA28 Rabbit pAb

CatalogNo: YN0407

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 85kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 160-240

Specificity

ADA28 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

ADAM28 ADAM23 MDCL

Protein Name Disintegrin and metalloproteinase domain-containing protein 28 (ADAM 28) (Epididymial metalloproteinase-like, disintegrin-like, and cysteine-rich protein II) (eMDC II) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein L) (MDC-L)

Organism	Gene ID	UniProt ID
Human	10863 ;	Q9UKQ2 ;
Mouse		Q9JLN6 ;

Cellular Localization [Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Secreted.

Tissue specificity 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.

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 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 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 population is responsible for expression of this protein in these tissues. Isoform 2 is expressed preferentially in spleen.,

Validation Data

Contact information

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