

A23125

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## ADAMTS5 Rabbit mAb

Catalog No.: A23125

Recombinant

5 Publications

### Basic Information

#### Observed MW

73kDa

#### Calculated MW

102kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,ELISA

#### Cross-Reactivity

Human,Mouse

#### CloneNo number

ARC59326

### Background

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme contains two C-terminal TS motifs and functions as an aggrecanase that cleaves aggrecan, a major proteoglycan of cartilage, and may mediate cartilage destruction in osteoarthritis.

### Recommended Dilutions

**WB** 1:3000 - 1:12000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

11096

#### Swiss Prot

Q9UNA0

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

ADMP-2; ADAM-TS5; ADAMTS-5; ADAMTS11; ADAM-TS 5; ADAMTS-11; ADAM-TS 11; ADAMTS5

### Contact

 [www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

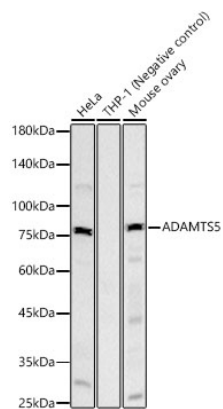
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

# Validation Data



Western blot analysis of various lysates, using ADAMTS5 Rabbit mAb (A23125) at 1:3000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.