

Datasheet for ABIN5542559

anti-ADAMTS1 antibody (AA 858-960)



[Go to Product page](#)

6 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | ADAMTS1 |
| Binding Specificity: | AA 858-960 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This ADAMTS1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Flow Cytometry (FACS) |

Product Details

| | |
|---------------|--|
| Purpose: | ADAMTS1 Antibody |
| Immunogen: | Purified recombinant fragment of human ADAMTS1 (AA: 858-960) expressed in E. Coli. |
| Clone: | 1C12E6 |
| Isotype: | IgG1 |
| Purification: | Purified antibody |

Target Details

| | |
|-------------------|--|
| Target: | ADAMTS1 |
| Alternative Name: | ADAMTS1 (ADAMTS1 Products) |
| Background: | Description: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase |

Target Details

with thrombospondin motif) 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 protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function.

Aliases: C3-C5, METH1

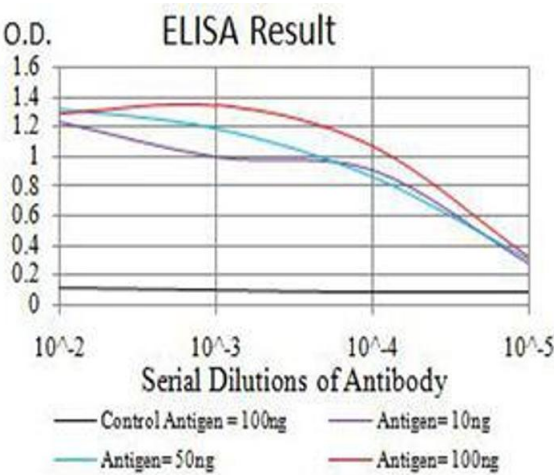
| | |
|-------------------|--|
| Molecular Weight: | 105.4kDa |
| Gene ID: | 9510 |
| HGNC: | 6648 |
| UniProt: | Q9UHI8 |
| Pathways: | SARS-CoV-2 Protein Interactome |

Application Details

| | |
|--------------------|--------------------------------------|
| Application Notes: | ELISA: 1/10000 FCM: 1/200 - 1/400 |
| Restrictions: | For Research Use only |

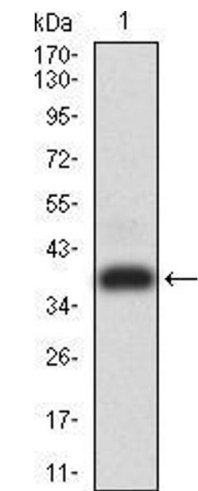
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |



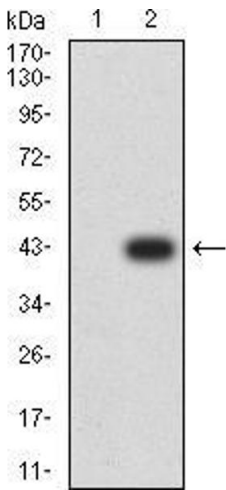
ELISA

Image 1. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using ADAMTS1 mAb against human ADAMTS1 (AA: 858-960) recombinant protein. (Expected MW is 38.3 kDa)



Western Blotting

Image 3. Western blot analysis using ADAMTS1 mAb against HEK293 (1) and ADAMTS1 (AA: 858-960)-hlgGfc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542559.