Product Name: ADAMTS1 Mouse Monoclonal Antibody
Catalog #: AMM81806
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	105.4kDa

Antigen Information

Gene Name	ADAMTS1
Alternative Names	C3-C5; METH1
Gene ID	9510.0
SwissProt ID	Q9UHI8
Immunogen	Purified recombinant fragment of human ADAMTS1 (AA: 858-960) expressed in E. Coli.

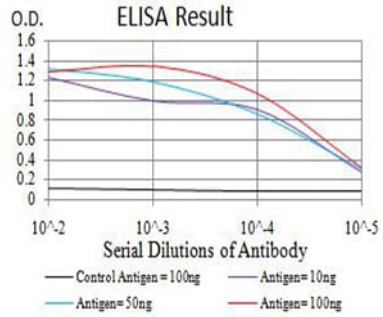
Background

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase 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-

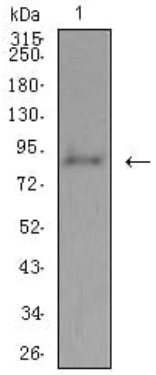
terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer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

Research Area

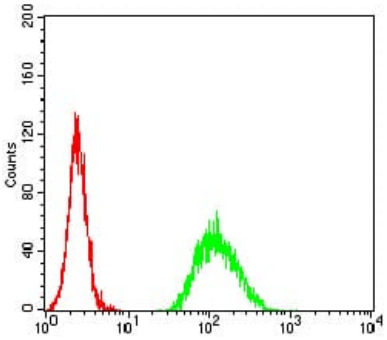
Image Data



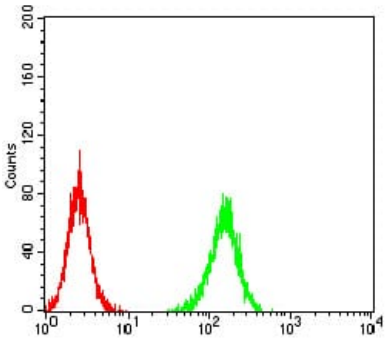
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using ADAMTS1 mouse mAb against Hela (1) cell lysate.



Flow cytometric analysis of Hela cells using ADAMTS1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of K562 cells using ADAMTS1 mouse mAb (green) and negative control (red).