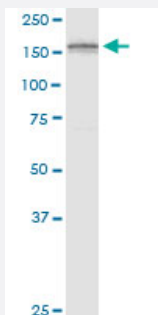


ADAMTS3 monoclonal antibody (M10), clone 1H8

Catalog # H00009508-M10

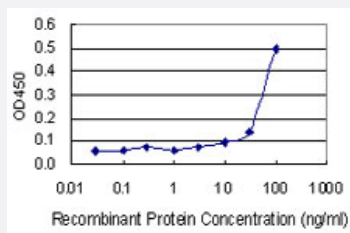
Size 100 ug

Applications



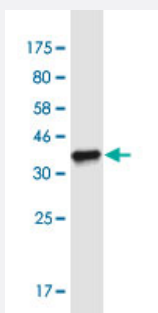
Western Blot (Cell lysate)

ADAMTS3 monoclonal antibody (M10), clone 1H8. Western Blot analysis of ADAMTS3 expression in Jurkat.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADAMTS3 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.65 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ADAMTS3.

Immunogen	ADAMTS3 (NP_055058.1, 1048 a.a. ~ 1128 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ESCSKRSSTLPPPYLLEAAETHDDVISNPDLPRSLVMPTSLVPYHSETPAKKMSLSSISSVGGP NAYAAFRPNSKPDGAN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (68); Rat (22)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.65 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ADAMTS3 monoclonal antibody (M10), clone 1H8. Western Blot analysis of ADAMTS3 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADAMTS3 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ADAMTS3

Entrez GeneID [9508](#)

GeneBank Accession#	NM_014243
Protein Accession#	NP_055058.1
Gene Name	ADAMTS3
Gene Alias	ADAMTS-4, KIAA0366
Gene Description	ADAM metalloproteinase with thrombospondin type 1 motif, 3
Omim ID	605011
Gene Ontology	Hyperlink
Gene Summary	<p>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 protein encoded by this gene is the major procollagen II N-propeptidase. A deficiency of this protein may be responsible for dermatosparaxis, a genetic defect of connective tissues. [provided by RefSeq]</p>
Other Designations	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 3 zinc metalloendopeptidase

Disease

- [Genetic Predisposition to Disease](#)
- [Osteoarthritis](#)