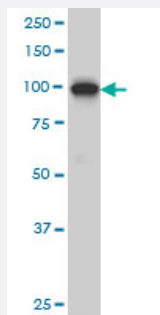


# ADAMTS2 monoclonal antibody (M03), clone 7G3

Catalog # H00009509-M03

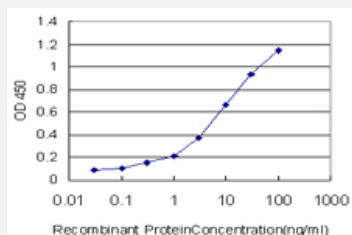
Size 100 ug

## Applications



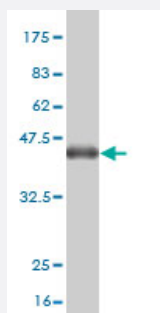
### Western Blot (Cell lysate)

ADAMTS2 monoclonal antibody (M03), clone 7G3 Western Blot analysis of ADAMTS2 expression in PC-12 ( Cat # L012V1 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADAMTS2 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant ADAMTS2.

<b>Immunogen</b>	ADAMTS2 (NP_055059, 1112 a.a. ~ 1210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	KHNDIDVFMPTLPVPTVAMEVRPSPSTPLEVPLNASSTNATEDHPETNAVDEPYKIHGLEDEVQP PNLIPRRPSPYEKTRNQRIQELIDEMRKKEMLGK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Rat
<b>Interspecies Antigen Sequence</b>	Mouse (88); Rat (85)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

ADAMTS2 monoclonal antibody (M03), clone 7G3 Western Blot analysis of ADAMTS2 expression in PC-12 ( Cat # L012V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADAMTS2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — ADAMTS2

Entrez GeneID [9509](#)

GeneBank Accession#	<a href="#">NM_014244</a>
Protein Accession#	<a href="#">NP_055059</a>
Gene Name	ADAMTS2
Gene Alias	ADAM-TS2, ADAMTS-3, NPI, PCINP, PCPNI, hPCPNI
Gene Description	ADAM metalloproteinase with thrombospondin type 1 motif, 2
Omim ID	<a href="#">225410 604539</a>
Gene Ontology	<a href="#">Hyperlink</a>
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 enzyme encoded by this gene excises the N-propeptide of type I, type II and type V procollagens. Mutations in this gene cause Ehlers-Danlos syndrome type VIIC, a recessively inherited connective-tissue disorder. Alternative splicing results in two transcript variants. The short transcript encodes a protein which has no significant procollagen N-peptidase activity. [provided by RefSeq]</p>
Other Designations	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 2 procollagen I N-proteinase procollagen N-endopeptidase