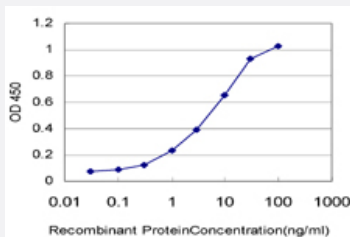


ADAMTS13 monoclonal antibody (M06), clone 4F12

Catalog # H00011093-M06

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADAMTS13 is approximately 0.1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ADAMTS13.
Immunogen	ADAMTS13 (NP_620594, 1328 a.a. ~ 1427 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FINVAPHARIAHALATNMGAGTEGANASYILIRDTHSLRTTAFHGGQVLYWESESSQAEMEFSEGF LKAQASLRGQYWTLSWVPEMQDPQSWKGKEGT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADAMTS13 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ADAMTS13

Entrez GeneID	11093
GeneBank Accession#	NM_139025
Protein Accession#	NP_620594
Gene Name	ADAMTS13
Gene Alias	C9orf8, DKFZp434C2322, FLJ42993, MGC118899, MGC118900, TTP, VWFCP, vWF-CP
Gene Description	ADAM metalloproteinase with thrombospondin type 1 motif, 13
Omim ID	274150 604134
Gene Ontology	Hyperlink
Gene Summary	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 enzyme encoded by this gene is the von Willebrand Factor (vWF)-cleaving protease, which is responsible for cleaving at the site of Tyr842-Met843 of the vWF molecule. A deficiency of this enzyme is associated with thrombotic thrombocytopenic purpura. Alternative splicing of this gene generates multiple transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	OTTHUMP00000022496 OTTHUMP00000022497 OTTHUMP00000022498 a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 13 vWF-cleaving protease von Willebrand factor-cleaving protease

Disease

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