

Product datasheet for **TA505627AM**

ADAMTS8 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2A5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2A5
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ADAMTS8 (NP_008968) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	96.3 kDa
Gene Name:	ADAM metallopeptidase with thrombospondin type 1 motif 8
Database Link:	NP_008968 Entrez Gene 11095 Human Q9UP79



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Background:

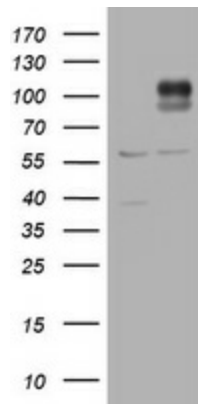
This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) 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 contains two C-terminal TS motifs, and disrupts angiogenesis in vivo. A number of disorders have been mapped in the vicinity of this gene, most notably lung neoplasms. [provided by RefSeq, Jul 2008]

Synonyms:

ADAM-TS8; METH2

Protein Families:

Druggable Genome, Protease, Secreted Protein

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ADAMTS8 ([RC212446], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ADAMTS8. Positive lysates [LY402079] (100ug) and [LC402079] (20ug) can be purchased separately from OriGene.