

Product datasheet for **CF505684**

ADAMTS8 Mouse Monoclonal Antibody [Clone ID: OTI2H5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2H5
Applications:	IF, WB
Recommended Dilution:	WB 1:1000, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ADAMTS8(NP_008968) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
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:

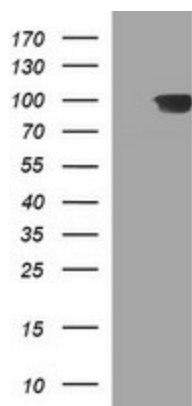
This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) 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:

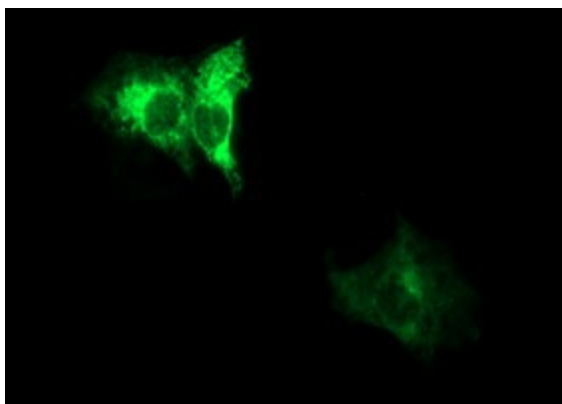
ADAM-TS8; METH2

Protein Families:

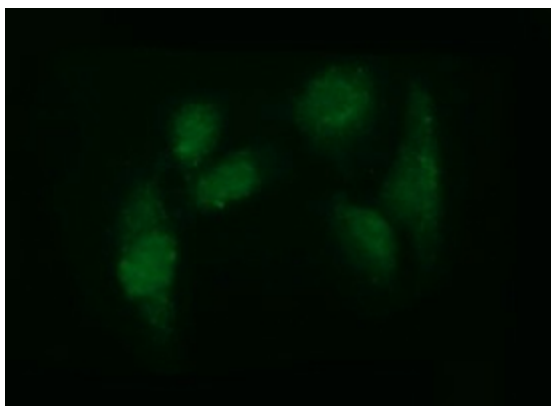
Druggable Genome, Protease, Secreted Protein

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ADAMTS8 (Cat# [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 (Cat# [TA505684]). Positive lysates [LY402079] (100ug) and [LC402079] (20ug) can be purchased separately from OriGene.



Anti-ADAMTS8 mouse monoclonal antibody ([TA505684]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ADAMTS8 ([RC212446]).



Immunofluorescent staining of HeLa cells using anti-ADAMTS8 mouse monoclonal antibody ([TA505684]).