

For Research Use Only

CoraLite® Plus 488-conjugated ADAMTS2 Recombinant antibody

Catalog Number: CL488-84476-6



Basic Information

Catalog Number: CL488-84476-6	GenBank Accession Number: NM_014244	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9509	CloneNo.: 241860B8
Source: Rabbit	UNIPROT ID: O95450	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: ADAM metalloproteinase with thrombospondin type 1 motif, 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG34957	Calculated MW: 135 kDa	
	Observed MW: 110-130 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A431 cells,
Species Specificity: human	

Background Information

A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS-2) is a metalloproteinase that plays a key role in the processing of fibrillar procollagen precursors into mature collagen molecules by excising the amino-propeptide. ADAMTS-2 can, like the procollagen C-proteinases, be regulated by transforming growth factor- β 1 (TGF- β 1), with implications for mechanisms whereby this growth factor effects net increases in formation of extracellular matrix. Mutations in the ADAMTS-2 gene cause dermatosparaxis in human (dermatosparactic type of Ehlers-Danlos syndrome, also known as Ehlers-Danlos syndrome type VIIC). Human ADAMTS-2 has eight potential sites for Asn-linked glycosylation and other mammals (PMID: 16046392, 12646579).

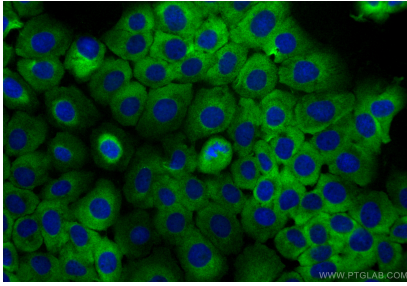
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 ADAMTS2 antibody (CL488-84476-6, Clone: 241860B8) at dilution of 1:200.