

For Research Use Only

# CoraLite® Plus 488-conjugated ADAMTS2 Recombinant antibody

Catalog Number: CL488-84476-6



## Basic Information

Catalog Number:

CL488-84476-6

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34957

GenBank Accession Number:

NM\_014244

GeneID (NCBI):

9509

UNIPROT ID:

O95450

Full Name:

ADAM metalloproteinase with  
thrombospondin type 1 motif, 2

Calculated MW:

135 kDa

Observed MW:

110-130 kDa

Purification Method:

Protein A purification

CloneNo.:

241860B8

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : A431 cells,

## 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- $\beta$  1 (TGF- $\beta$  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: 4006900926

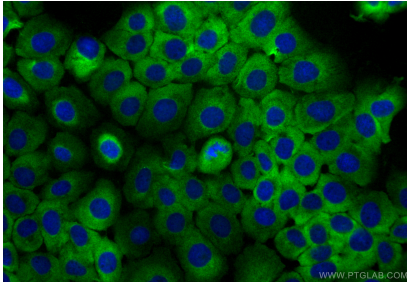
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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.