

For Research Use Only

# CoraLite® Plus 488-conjugated ADAMTS12 Polyclonal antibody

Catalog Number: CL488-24934

Featured Product



## Basic Information

### Catalog Number:

CL488-24934

### Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20712

### GenBank Accession Number:

BC058841

### GeneID (NCBI):

81792

### UNIPROT ID:

P58397

### Full Name:

ADAM metalloproteinase with  
thrombospondin type 1 motif, 12

### Calculated MW:

178 kDa

### Observed MW:

155 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IF/ICC 1:50-1:500

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

### Tested Applications:

IF/ICC

### Species Specificity:

human, mouse

### Positive Controls:

IF/ICC : NIH/3T3 cells,

## Background Information

ADAMTS12 (A disintegrin and metalloproteinase with thrombospondin motifs 12) is also named as AT12, ADAM-TS12, PRO4389 and belongs to the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. ADAMTS7 and ADAMTS12 appear to be potent negative regulators of endplate cartilage development (PMID:22247065). This protein has 3 isoforms produced by alternative splicing. The full length protein has 14 glycosylation sites.

## 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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

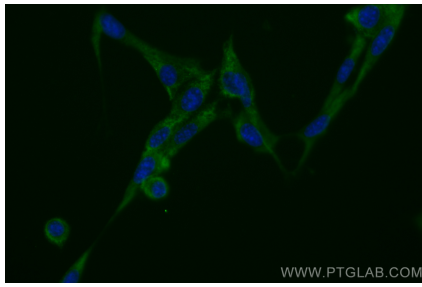
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed NIH/3T3 cells using CoraLite® Plus 488  
ADAMTS12 antibody (CL488-24934) at dilution of  
1:200.