

For Research Use Only

CoraLite® Plus 488-conjugated ADAMTS12 Polyclonal antibody



Catalog Number: CL488-24934

Featured Product

Basic Information

Catalog Number:

CL488-24934

Size:

1000 µg/ml

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, ADAMTS12, 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.

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:

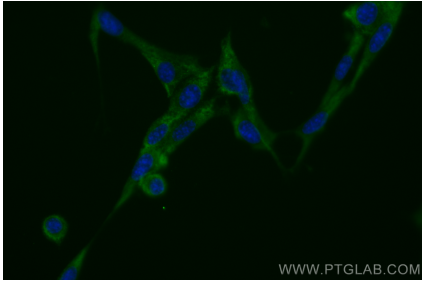
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.