

For Research Use Only

CoraLite® Plus 488-conjugated MMP19 Polyclonal antibody



Catalog Number: **CL488-14244**

Basic Information

Catalog Number:

CL488-14244

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5501

GenBank Accession Number:

BC050368

GeneID (NCBI):

4327

UNIPROT ID:

Q99542

Full Name:

matrix metalloproteinase 19

Calculated MW:

57 kDa

Observed MW:

57-60 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

Positive Controls:

IF/ICC : SH-SY5Y cells,

Background Information

MMP19(matrix metalloproteinase-19) has the capacity to degrade several basement membrane proteins such as type IV collagen, laminin, tenascin C, and nidogen. It is expressed by microvascular endothelial cells in vitro as well as by capillaries in the inflamed synovial membrane, whereas its expression is absent in quiescent macrovascular endothelial cells of large arteries and veins. And it is also detected in capillaries of normal mammary tissue, benign mammary carcinomas and in skin capillaries(PMID:15241558).

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:

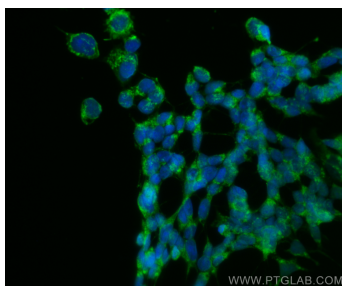
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using CoraLite® Plus 488 MMP19 antibody (CL488-14244) at dilution of 1:200.