

For Research Use Only

CoraLite® Plus 488-conjugated MMP19 Polyclonal antibody



Catalog Number:CL488-14244

Basic Information

Catalog Number: CL488-14244	GenBank Accession Number: BC050368	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4327	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: matrix metalloproteinase 19	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 57 kDa	
Immunogen Catalog Number: AG5501	Observed MW: 57-60 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : SH-SY5Y cells,
Species Specificity: human	

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

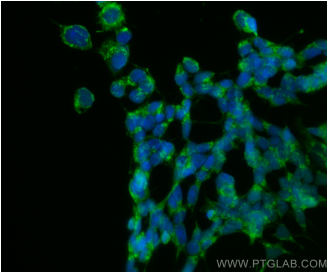
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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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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.