

For Research Use Only

# CoraLite® Plus 488-conjugated MMP19 Polyclonal antibody

Catalog Number:CL488-14244



## Basic Information

### Catalog Number:

CL488-14244

### Size:

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

### 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

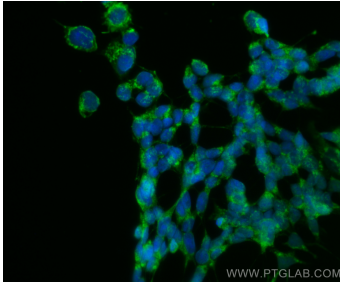
For technical support and original validation data for this product please contact:

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## 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.