

For Research Use Only

# CoraLite® Plus 488-conjugated Calpastatin Monoclonal antibody



Catalog Number: **CL488-67107**

## Basic Information

Catalog Number:

CL488-67107

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28669

GenBank Accession Number:

BC013579

GeneID (NCBI):

831

UNIPROT ID:

P20810

Full Name:

calpastatin

Calculated MW:

667 aa, 72 kDa

Purification Method:

Protein G purification

CloneNo.:

1G12A2

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra), IF/ICC

Species Specificity:

Human

Positive Controls:

IF : HeLa cells,

## Background Information

### 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:

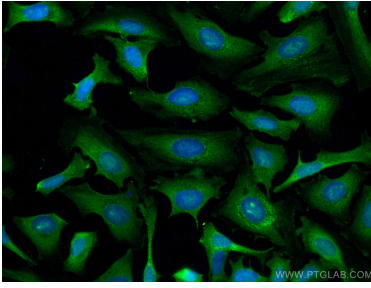
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

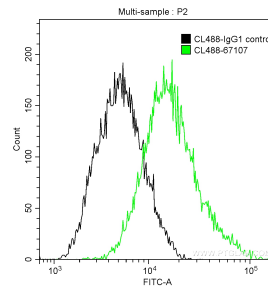
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 Calpastatin antibody (CL488-67107, Clone: 1G12A2) at dilution of 1:200.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human Calpastatin (CL488-67107, Clone:1G12A2) (green), and 0.2 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (black). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.