

For Research Use Only

# CoraLite® Plus 488-conjugated PSMG3 Monoclonal antibody



Catalog Number: CL488-67466

## Basic Information

Catalog Number:

CL488-67466

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG8384

GenBank Accession Number:

BC004308

GeneID (NCBI):

84262

UNIPROT ID:

Q9BT73

Full Name:

proteasome (prosome, macropain)  
assembly chaperone 3

Calculated MW:

13 kDa

Purification Method:

Protein A purification

CloneNo.:

2H9C3

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

PSMG3, also named as C7orf48 and PAC3, is a chaperone protein which promotes assembly of the 20S proteasome. It may cooperate with PSMG1-PSMG2 heterodimers to orchestrate the correct assembly of proteasomes.

## 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:

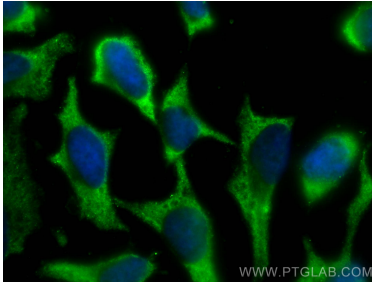
T: 4006900926

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

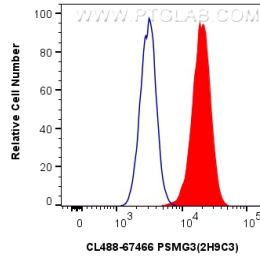
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 PSMG3 antibody (CL488-67466, Clone: 2H9C3) at dilution of 1:200.



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated PSMG3 Monoclonal antibody (CL488-67466, Clone:2H9C3) (red), or 0.4 ug CoraLite® Plus 488 Mouse IgG2b isotype control (11B8C4) (CL488-66360-3, Clone: 11B8C4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).