

For Research Use Only

# CoraLite® Plus 488-conjugated Granzyme K Monoclonal antibody



Catalog Number: CL488-67272

## Basic Information

Catalog Number:

CL488-67272

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG27297

GenBank Accession Number:

BC035802

GeneID (NCBI):

3003

UNIPROT ID:

P49863

Full Name:

granzyme K (granzyme 3; NK tryptase II)

Calculated MW:

29 kDa

Purification Method:

Protein A purification

CloneNo.:

1C3A4

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra), IF-P

Species Specificity:

Human

Positive Controls:

IF : human tonsillitis tissue,

## Background Information

### 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:

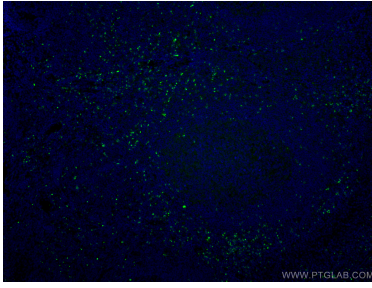
T: 4006900926

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

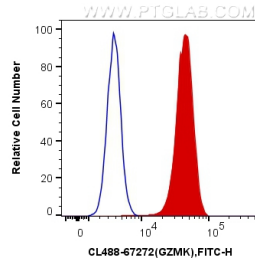
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 Granzyme K antibody (CL488-67272, Clone: 1C3A4) at dilution of 1:200. DAPI (blue).



$1 \times 10^6$  NK92 were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Granzyme K (CL488-67272, Clone:1C3A4) (red), or 0.4 ug x. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).