

For Research Use Only

# CoraLite® Plus 488-conjugated IgA Monoclonal antibody



Catalog Number: **CL488-60099**

## Basic Information

Catalog Number:

CL488-60099

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7417

GenBank Accession Number:

BC016369

GeneID (NCBI):

3493

Full Name:

immunoglobulin heavy constant  
alpha 1

Calculated MW:

496 aa, 53 kDa

Observed MW:

55-60 kDa

Purification Method:

Protein G purification

CloneNo.:

3A5A5

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF-P : human tonsillitis tissue,

## Background Information

Ig alpha is the major immunoglobulin class in body secretions. It may serve both to defend against local infection and to prevent access of foreign antigens to the general immunologic system. This antibody recognizes the Chain C region of human Ig alpha-1 (IGHA1).

## 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:

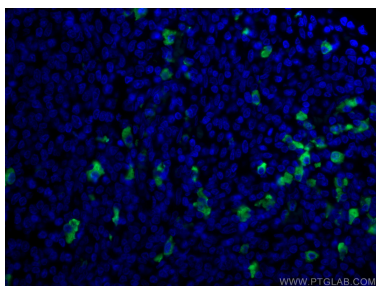
T: 4006900926

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

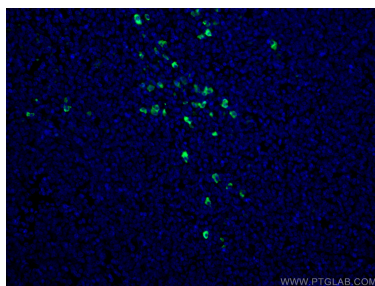
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CL488-60099 (Human IgA antibody) at dilution of 1:50.



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