

For Research Use Only

# CoraLite® Plus 488-conjugated IgA Monoclonal antibody



Catalog Number: **CL488-60099**

## Basic Information

<b>Catalog Number:</b> CL488-60099	<b>GenBank Accession Number:</b> BC016369	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3493	<b>CloneNo.:</b> 3A5A5
<b>Source:</b> Mouse	<b>Full Name:</b> immunoglobulin heavy constant alpha 1	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 496 aa, 53 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG7417	<b>Observed MW:</b> 55-60 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : human tonsillitis tissue,
<b>Species Specificity:</b> human	

## 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

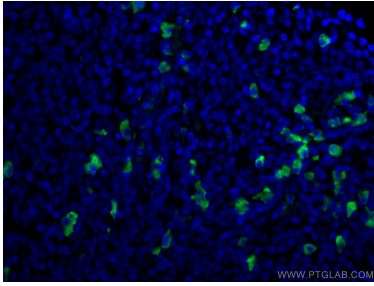
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

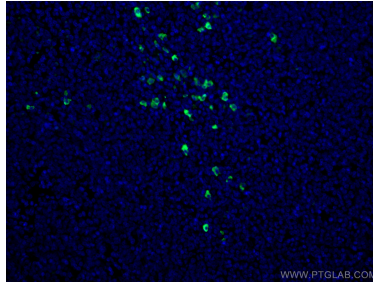
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected 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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