

For Research Use Only

# CoraLite® Plus 488-conjugated IL-28A Monoclonal antibody



Catalog Number: **CL488-60270**

## Basic Information

<b>Catalog Number:</b> CL488-60270	<b>GenBank Accession Number:</b> BC113583	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 282616	<b>CloneNo.:</b> 3B4A1
<b>Source:</b> Mouse	<b>Full Name:</b> interleukin 28A (interferon, lambda 2)	<b>Recommended Dilutions:</b> IF 1:300-1:1200
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 200 aa, 22 kDa	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Immunogen Catalog Number:</b> AG18525		

## Applications

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

## Background Information

IL28A, also named as IFNL2 and ZCYT020, is a cytokine with immunomodulatory activity. It up-regulates MHC class I antigen expression. IL28A is a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1. The ligand/receptor complex seems to signal through the Jak-STAT pathway. It plays a significant role in the antiviral immune defense in the intestinal epithelium.

## Storage

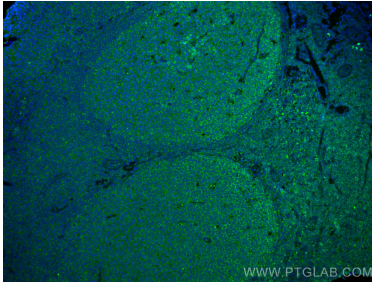
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

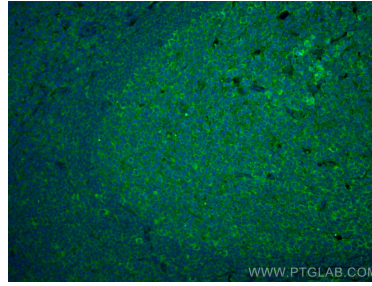
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 IL-28A antibody (CL488-60270, Clone: 3B4A1 ) at dilution of 1:600.



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