

For Research Use Only

# CoraLite®594-conjugated IL-28A Monoclonal antibody

Catalog Number: CL594-60270



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>CL594-60270                          | <b>GenBank Accession Number:</b><br>BC113583                | <b>Purification Method:</b><br>Protein G purification             |
| <b>Size:</b><br>100ul , Concentration: 1000 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>282616                             | <b>CloneNo.:</b><br>3B4A1   |
| <b>Source:</b><br>Mouse  | <b>UNIPROT ID:</b><br>Q8IZJ0                                | <b>Recommended Dilutions:</b><br>IF-P 1:300-1:1200                |
| <b>Isotype:</b><br>IgG1  | <b>Full Name:</b><br>interleukin 28A (interferon, lambda 2) | <b>Excitation/Emission maxima wavelengths:</b><br>588 nm / 604 nm |
| <b>Immunogen Catalog Number:</b><br>AG18525                    | <b>Calculated MW:</b><br>200 aa, 22 kDa                     |   |

## Applications

|                                      |   |
|--------------------------------------|---|
| <b>Tested Applications:</b><br>IF-P  | <b>Positive Controls:</b><br>IF-P : human tonsillitis tissue, |
| <b>Species Specificity:</b><br>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.

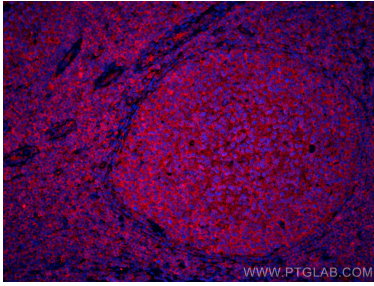
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. 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

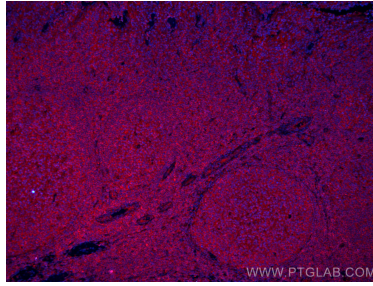
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 IL-28A antibody (CL594-60270, Clone: 3B4A1) at dilution of 1:600.



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