

For Research Use Only

# CoraLite® Plus 488-conjugated IFIT3 Monoclonal antibody



Catalog Number: CL488-67208

## Basic Information

<b>Catalog Number:</b> CL488-67208	<b>GenBank Accession Number:</b> BC004977	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3437	<b>CloneNo.:</b> 2C8B10
<b>Source:</b> Mouse	<b>Full Name:</b> IFIT3	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 56 kDa	
<b>Immunogen Catalog Number:</b> AG7518	<b>Observed MW:</b> 60 kDa	

## Applications

**Tested Applications:**  
FC (Intra)  
**Species Specificity:**  
Human

## Background Information

IFIT3 (IFN-induced protein with tetratricopeptide repeats 3), also known as IFIT-4, ISG-60 or RIG-G, is a 56 kDa IFN induced protein. IFIT3 has been identified to be associated with strong IFN antiviral activity. Upon RNA virus infection, IFIT3 is significantly induced, ectopic expression or knockdown of IFIT3 could, respectively, enhance or impair IFN regulatory factor 3 (IRF3)-mediated gene expression. IFIT3 thus may serve as an important modulator in innate immunity, revealing a new function of the IFIT family proteins.

## Storage

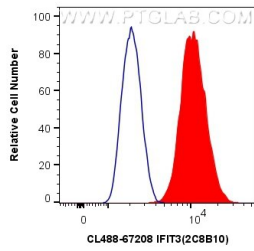
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human IFIT3 (CL488-67208, Clone:2C8B10) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).