

For Research Use Only

CoraLite® Plus 594-conjugated IRF8 Monoclonal antibody



Catalog Number: **CL594-67142**

Basic Information

Catalog Number: CL594-67142	GenBank Accession Number: BC126247	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3394	CloneNo.: 3A10A4
Source: Mouse	Full Name: ICSBP1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 426 aa, 48 kDa	Excitation/Emission maxima wavelengths: 594 nm / 615 nm
Immunogen Catalog Number: AG19909	Observed MW: 48 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : THP-1 cells,
Species Specificity: Human	

Background Information

IRF8 also named as ICSBP1, is a transcription factor of the IFN regulatory factor (IRF) family. The IRF family proteins bind to the IFN-stimulated response element (ISRE) and regulate expression of genes stimulated by type I IFNs, namely IFN-alpha and IFN-beta. IRF family proteins also control expression of IFN-alpha and IFN-beta-regulated genes that are induced by viral infection. IRF8 specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the IFN consensus sequence (ICS)). It plays a negative regulatory role in cells of the immune system. It is predominantly in lymphoid tissues.

Storage

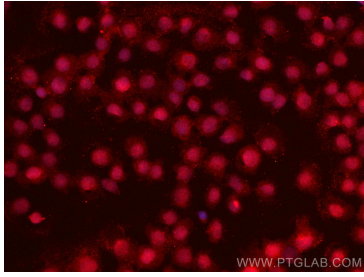
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CoraLite® Plus 594 IRF8 antibody (CL594-67142, Clone: 3A10A4) at dilution of 1:200.