

IRF8 Monoclonal antibody, PBS Only

Catalog Number: 67142-1-PBS

Basic Information

Catalog Number:

67142-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG19909

GenBank Accession Number:

BC126247

GeneID (NCBI):

3394

UNIPROT ID:

Q02556

Full Name:

ICSBP1

Calculated MW:

426 aa, 48 kDa

Observed MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

3A10A4

Applications

Tested Applications:

WB, IF, ELISA

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:

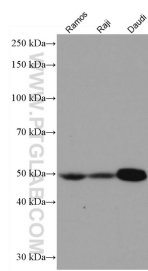
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

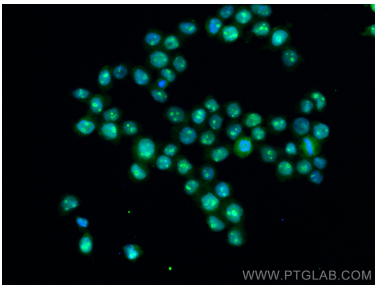
Storage Buffer:

PBS only

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67142-1-Ig (IRF8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67142-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using IRF8 antibody (67142-1-Ig, Clone: 3A10A4) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67142-1-PBS in a different storage buffer formulation.