

For Research Use Only

IRF8 Polyclonal antibody

Catalog Number: 18977-1-AP **11 Publications**



Basic Information

Catalog Number: 18977-1-AP	GenBank Accession Number: NM_002163	Purification Method: Antigen affinity purification
Size: 1200 µg/ml	GeneID (NCBI): 3394	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:200
Source: Rabbit	UNIPROT ID: Q02556	
Isotype: IgG	Full Name: ICSBP1	
	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse spleen tissue, IHC : human lymphoma tissue,
Cited Applications: WB, IF, IHC	
Species Specificity: human, mouse, rat	
Cited Species: human, rat, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yide He	31753358	Mater Sci Eng C Mater Biol Appl	WB, IF
Yanhui Jia	36356459	Immunobiology	WB
Xin Wang	35070752	Transl Lung Cancer Res	IHC

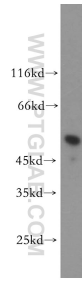
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

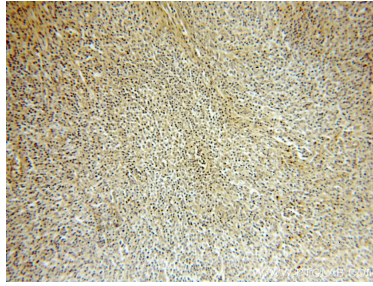
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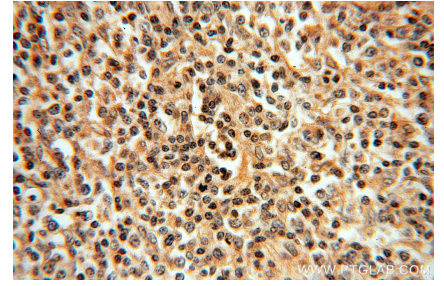
Selected Validation Data



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 18977-1-AP (IRF8 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 18977-1-AP (IRF8 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lymphoma using 18977-1-AP (IRF8 antibody) at dilution of 1:100 (under 40x lens).