

IRF5 Monoclonal antibody

Catalog Number: 60088-1-Ig **1 Publications**

Basic Information

Catalog Number: 60088-1-Ig	GenBank Accession Number: BC004201	Purification Method: Protein A purification
Size: 150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3663	CloneNo.: 2A10C5
Source: Mouse	Full Name: interferon regulatory factor 5	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Isotype: IgG2a	Calculated MW: 56 kDa	IHC 1:20-1:200
Immunogen Catalog Number: AG0841	Observed MW: 63+110 kDa	IF 1:20-1:200

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells, HepG2 cells
Species Specificity: human, mouse, pig	IP : HeLa cells,
Cited Species: human	IHC : human breast cancer tissue, human tonsillitis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	
	IF : HepG2 cells,

Background Information

IRF5, also named as SLEB10, contains one IRF tryptophan pentad repeat DNA-binding domain and belongs to the IRF family. It is a transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection. It is activated by TLR7 or TLR8 signaling. Genetic variations in IRF5 are associated with susceptibility to inflammatory bowel disease type 14 (IBD14) and systemic lupus erythematosus type 10 (SLEB10).

Notable Publications

Author	Pubmed ID	Journal	Application
Martin Heather J HJ	17609264	J Virol	WB

Storage

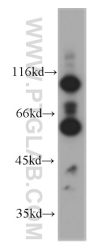
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

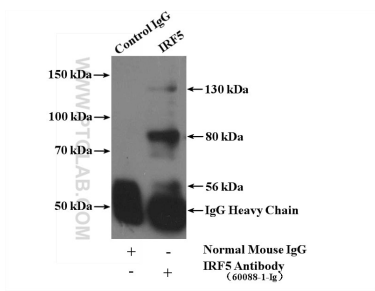
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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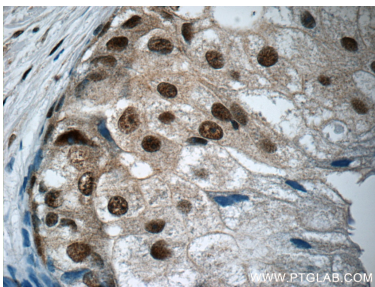
Selected Validation Data



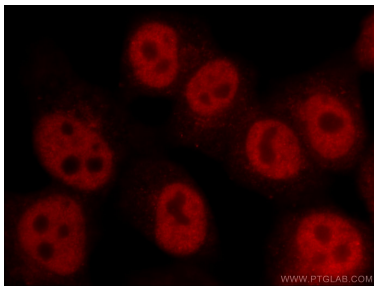
HeLa cells were subjected to SDS PAGE followed by western blot with 60088-1-Ig (IRF 5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-IRF5 (IP:60088-1-Ig, 4ug; Detection:60088-1-Ig 1:500) with HeLa cells lysate 1600ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60088-1-Ig (IRF5 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 60088-1-Ig (IRF 5 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Mouse IgG.