

For Research Use Only

IRF5 Monoclonal antibody

Catalog Number: 66835-1-Ig



Basic Information

Catalog Number: 66835-1-Ig	GenBank Accession Number: BC004201	Purification Method: Protein G purification
Size: 150ul , Concentration: 1300 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3663	CloneNo.: 3A4A10
Source: Mouse	UNIPROT ID: Q13568	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG1	Full Name: interferon regulatory factor 5	
Immunogen Catalog Number: AG5442	Calculated MW: 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, THP-1 cells, RAW 264.7 cells
Species Specificity: human, mouse	

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). IRF5 is also used as M1 macrophage lineage marker. Alternative splice variant encoding different isoforms exist.

Storage

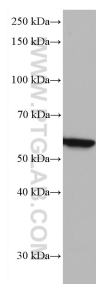
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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



A549 cells were subjected to SDS PAGE followed by western blot with 66835-1-Ig (IRF 5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.