

Product Datasheet

IRF5 Antibody (1H6) - Azide and BSA Free H00003663-M03

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00003663-M03

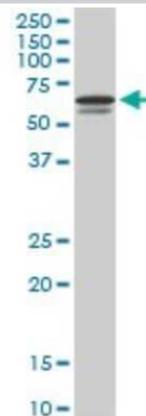
IRF5 Antibody (1H6) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1H6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3663
Gene Symbol	IRF5
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	IRF5 - interferon regulatory factor 5
Immunogen	IRF5 (NP_002191, 395 a.a. ~ 504 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. TPPPFEIFFCFGEEWPDRKPREKKLITVQVVPVAARLLLEMFSGELSWSADSIR LQISNPDLKDRMVEQFKELHHIWQSQQRLQPVAQAPPGAGLGVGQGPWPMH PAGMQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA. Use in FLOW reported in scientific literature (PMID: 30593537).

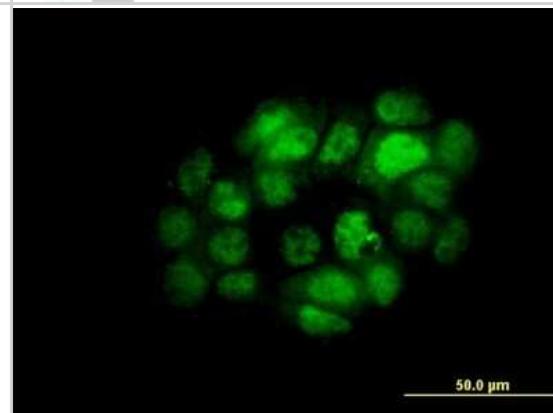


Images

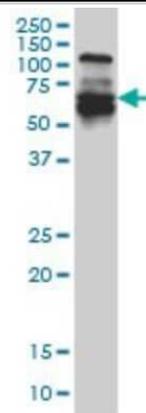
Western Blot: IRF5 Antibody (1H6) [H00003663-M03] - Analysis of IRF5 expression in NIH/3T3 (Cat # L018V1).



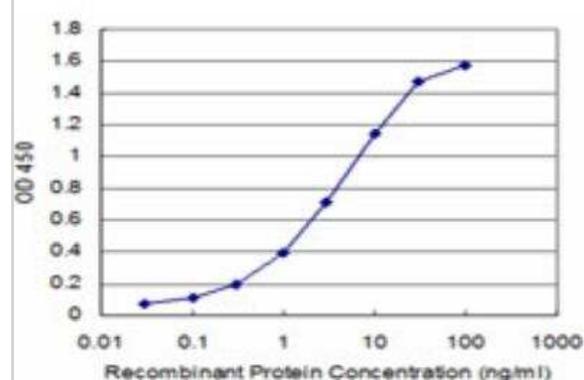
Immunocytochemistry/Immunofluorescence: IRF5 Antibody (1H6) [H00003663-M03] - Analysis of monoclonal antibody to IRF5 on A-431 cell. Antibody concentration 10 ug/ml



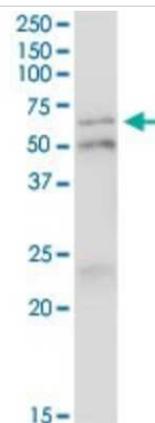
Western Blot: IRF5 Antibody (1H6) [H00003663-M03] - Analysis of IRF5 expression in A-431 (Cat # L015V1).



ELISA: IRF5 Antibody (1H6) [H00003663-M03] - Detection limit for recombinant GST tagged IRF5 is approximately 0.1 ng/ml as a capture antibody.



Immunoprecipitation: IRF5 Antibody (1H6) [H00003663-M03] - Analysis of IRF5 transfected lysate using anti-IRF5 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IRF5 mouse polyclonal antibody.



Publications

Hedl M, Yan J, Witt H, Abraham C. IRF5 Is Required for Bacterial Clearance in Human M1-Polarized Macrophages, and IRF5 Immune-Mediated Disease Risk Variants Modulate This Outcome. *J. Immunol.* 2018-12-28 [PMID: 30593537] (FLOW, Human)

Hedl M, Yan J, Abraham C. IRF5 and IRF5 Disease-Risk Variants Increase Glycolysis and Human M1 Macrophage Polarization by Regulating Proximal Signaling and Akt2 Activation. *Cell Rep.* 2016-08-30 [PMID: 27545875]



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Products Related to H00003663-M03

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-51630-0.02mg	Recombinant Human IRF5 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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