

Mouse anti-Human Interferon regulatory factor-3 Monoclonal Antibody | anti-IRF3 antibody

Interferon regulatory factor-3 antibody

CATALOG # AAA48003	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunoprecipitation, Western Blot, ELISA
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PRODUCT SYNONYMS

Interferon regulatory factor-3; Monoclonal Antibody; Interferon regulatory factor-3 antibody; IRF3; IRF-3; Interferon regulatory factor 3; IRF 3.; anti-IRF3 antibody

PRODUCT SPECIFICATIONS

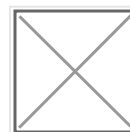
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	3F10
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	427
Applicable Applications for anti-IRF3 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human IRF-3 (108-166aa) purified from E. coli
Clone Note	Anti-human IRF-3 mAb, clone 3F10, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human IRF-3 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of human HeLa cells stained with IRF-3 (1:500) with Texas-Red and Hoechst 33342 (Blue) for nucleus staining.



WB (Western Blot)

Cell lysates of HeLa (40ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human IRF-3 (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF3 antibody	Members of the Interferon regulatory factor (IRF) family regulate gene expression critical to immune response, hemopoiesis, and proliferation. IRF-3 is a member of the IRF family, and is distinct from other family members. Its transcriptional activity is regulated solely by posttranslational modifications. It plays a crucial role in activation of innate immunity and inflammation in response to viral infection.
Product Categories/Family for anti-IRF3 antibody	Hormones & Cytokines
References	DeFilippis VR et al., (2006) J Virol 80 (2):1032-1037; Pietila TE et al., (2007) J Immunol 178 (1):253-261

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504725
NCBI GeneID	3661
NCBI Accession #	NP_001562
NCBI GenBank Nucleotide #	NM_001571.5
UniProt Accession #	Q14653; Q5FBY1; Q5FBY2; Q5FBY4; Q7Z5G6; A8K7L2; B2RAZ3
Molecular Weight	12,330 Da
NCBI Official Full Name	interferon regulatory factor 3 isoform 1
NCBI Official Synonym Full Names	interferon regulatory factor 3
NCBI Official Symbol	IRF3
NCBI Official Synonym Symbols	IIAE7
NCBI Protein Information	interferon regulatory factor 3
UniProt Protein Name	Interferon regulatory factor 3
UniProt Gene Name	IRF3
UniProt Synonym Gene Names	IRF-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.