

Mouse anti-Human IRF3 Monoclonal Antibody | anti-IRF3 antibody

Mouse monoclonal antibody Anti-Human IRF3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36321	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunoprecipitation, Immunocytochemistry, Dot Blot

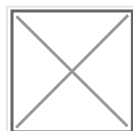
PRODUCT SYNONYMS

IRF3; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human IRF3; interferon regulatory factor 3; anti-IRF3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	IRF35I218
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	1716
Applicable Applications for anti-IRF3 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IP (Immunoprecipitation), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



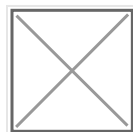
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-IRF3 mAb. [Lot No. IRF35I218-1]



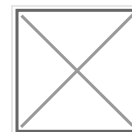
FCM/FACS (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-IRF3 mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. IRF35I218-2]



IP (Immunoprecipitation)

Immunoprecipitation: RIPA lysate of HeLa cells was incubated with anti-IRF3 mAb. [Lot No. IRF35I218-2] Predicted molecular weight: 47 kDa



WB (Western Blot)

Detection of human IRF3 by Western blot. Samples: Whole cell lysate (25 ug) from HT1080 cells. [Lot No. IRF35I218-2] Predicted molecular weight: 47 kDa



Quality Control

Left: Western blot analysis of immunized recombinant protein, using anti-IRF3 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF3 antibody

IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	47940513
NCBI GeneID	3661
Molecular Weight	12,330 Da
NCBI Official Full Name	Homo sapiens interferon regulatory factor 3, mRNA
NCBI Official Synonym Full Names	interferon regulatory factor 3
NCBI Official Symbol	IRF3
NCBI Protein Information	interferon regulatory factor 3
UniProt Protein Name	Interferon regulatory factor 3
UniProt Gene Name	IRF3
UniProt Entry Name	IRF3_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/irf3-antibody-clone-irf35i218-flow-cytometry-western-blot-immunoprecipitation-immunocytochemistry-dot-blot-elisa/36321>