

Mouse IRF3 Monoclonal Antibody | anti-IRF3 antibody

MOUSE ANTI HUMAN IRF3

CATALOG # AAA49538	HOST Mouse	APPLICATIONS Western Blot, Immunoprecipitation, ELISA
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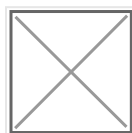
PRODUCT SYNONYMS

IRF3; Monoclonal Antibody; MOUSE ANTI HUMAN IRF3; anti-IRF3 antibody

PRODUCT SPECIFICATIONS

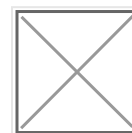
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3F10
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	452
Applicable Applications for anti-IRF3 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Perservative Stabilisers	0.01% Sodium Azide (NaN ₃) 10% Glycerol Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Immunoprecipitation of IRF3 from HeLa cells using Mouse anti Human IRF3 Lane A: Normal IgG Lane B: Mouse anti Human IRF3, clone 3F10 (non-specific bands represent IgG H+L in the preparation) Immunofluorescent staining of HeLa cells with Mouse anti Human IRF3, IRF3 (Red), nuclei counterstained with Hoescht 3342 (blue)



Application Data

Western blot analysis of IRF3 expression on a Jurkat cell lysate using Mouse anti Human IRF3

ADDITIONAL INFORMATION

Related Product Information for anti-IRF3 antibody	Mouse anti Human IRF3 antibody, clone 3F10 recognizes human interferon regulatory factor 3 (IRF3), a 55kDa constitutively expressed member of the IRF family, which acts as vital regulator of gene expression in innate immunity (Nociari et al. 2007). IRF3 accumulates in an inactive form in the cytoplasm and then translocates to the nucleus as a homodimer, following stimuli-induced phosphorylation of specific serine/threonine residues. Association of the homodimer with p300/CBP (CREBB binding protein) forms dsRNA-activated factor 1 (DRAF1), which then activates the transcription of interferon alpha and beta and subsequent downstream interferon-induced genes (Weaver et al. 1998).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	308199446
NCBI GeneID	3661
NCBI Accession #	NP_001184051.1
NCBI GenBank Nucleotide #	NM_001197122.1
UniProt Accession #	Q14653; Q5FBY1; Q5FBY2; Q5FBY4; Q7Z5G6; A8K7L2; B2RAZ3
Molecular Weight	12,330 Da
NCBI Official Full Name	interferon regulatory factor 3 isoform 2
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 Synonym Gene Names	IRF-3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/irf3-antibody-clone-3f10-western-blot-immunoprecipitation-elisa/49538>