

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

IRF3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48334	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

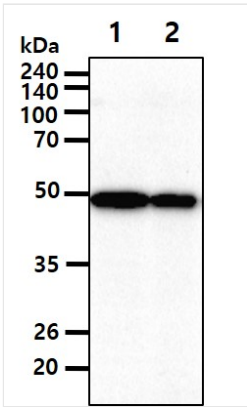
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

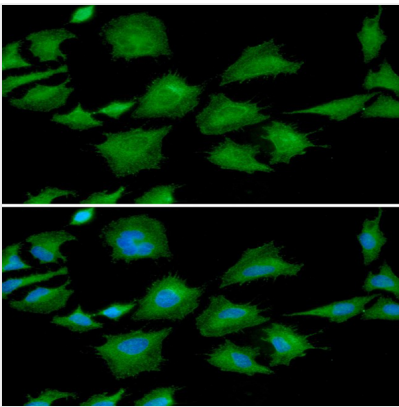
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	3F10
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	427
Applicable Applications for anti-IRF3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human IRF-3(108-166aa) purified from E. coli
Conjugation	Unconjugated
Note	This product was produced from tissue culture supernatant.
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The cell lysate(40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human IRF3 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate



ICC (Immunocytochemistry)

ICC/IF analysis of IRF3 in HeLa cells. The cell was stained (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

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 familymembers. Its transcriptional activity is regulated solely by posttranslational modifications. It plays a crucialrole in activation of innate immunity and inflammation in response to viral infection.
Product Categories/Family for anti-IRF3 antibody	Epigenetics and Nuclear Signaling; Immunology
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 #	NP_001562.1
UniProt Accession #	Q14653
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
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.

