

Rabbit IRF4 Polyclonal Antibody | anti-IRF4 antibody

IRF4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40319	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

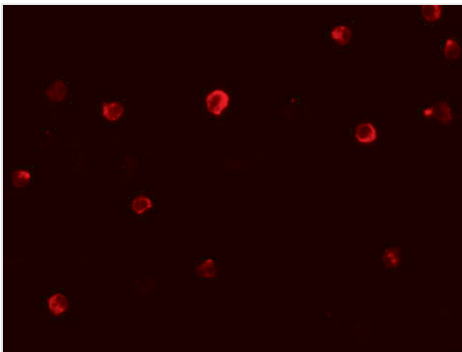
PRODUCT SYNONYMS

IRF4; Polyclonal Antibody; IRF4 Antibody; MUM1; LSIRF; NF-EM5; Interferon regulatory factor 4; Lymphocyte-specific interferon regulatory factor; IRF-4; interferon regulatory factor 4; anti-IRF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IRF4 antibody is predicted to not cross-react with other IRF protein family members. IRF4 often migrates at a higher than predicted molecular weight in SDS-PAGE.
Purity/Purification	IRF4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	451
Applicable Applications for anti-IRF4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IRF4 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human IRF4.
Buffer	IRF4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IRF4 antibody can be stored at 4 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

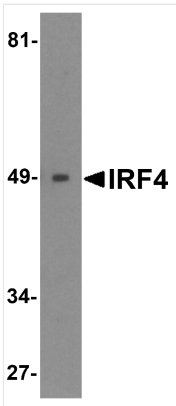
IMAGES



IF (Immunofluorescence)
Immunofluorescence of IRF4 in Jurkat cells with IRF4 antibody at 20 µg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of IRF4 in Jurkat cells with IRF4 antibody at 10 µg/mL.



WB (Western Blot)
Western blot analysis of IRF4 in Ramos cell lysate with IRF4 antibody at 0.5 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF4 antibody

IRF4 Antibody: Interferons (IFNs) are involved in a multitude of immune interactions during viral infections and play a major role in both the induction and regulation of innate and adaptive antiviral mechanisms. During infection, host-virus interactions signal downstream molecules such as transcription factors such as IFN regulatory factor-3 (IRF3) which can act to stimulate transcription of IFN- α /beta genes. Another member, IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. IRF4 expression is tightly regulated in resting primary T cells and plays an essential role in the homeostasis and function of mature lymphocytes. IRF4 is induced by Toll-like receptor (TLR) activation and acts as a negative regulator of TLR signaling.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167555104
NCBI GeneID	3662
NCBI Accession #	NP_002451
NCBI GenBank Nucleotide #	NM_002460.3
UniProt Accession #	Q15306; Q5VUI7; Q99660
Molecular Weight	51,644 Da
NCBI Official Full Name	interferon regulatory factor 4 isoform 1
NCBI Official Synonym Full Names	interferon regulatory factor 4

NCBI Official Symbol	IRF4
NCBI Official Synonym Symbols	MUM1; LSIRF; SHEP8; NF-EM5
NCBI Protein Information	interferon regulatory factor 4; multiple myeloma oncogene 1; lymphocyte-specific interferon regulatory factor
UniProt Protein Name	Interferon regulatory factor 4
UniProt Gene Name	IRF4
UniProt Synonym Gene Names	MUM1; IRF-4; LSIRF
UniProt Entry Name	IRF4_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/polyclonal/irf4-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40319>