

Rabbit anti-Human IRF4 Polyclonal Antibody | anti-IRF4 antibody

IRF4 Antibody (Center)

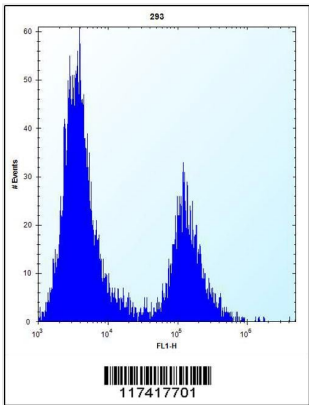
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287198	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

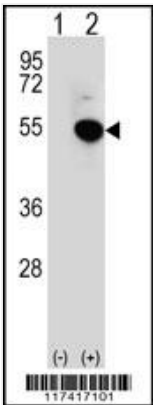
IRF4; Polyclonal Antibody; IRF4 Antibody (Center); Interferon regulatory factor 4; IRF-4; Lymphocyte-specific interferon regulatory factor; LSIRF; Multiple myeloma oncogene 1; NF-EM5; MUM1; anti-IRF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IRF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-191 amino acids from the Central region of human IRF4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	164-191
Sequence Length	450
Applicable Applications for anti-IRF4 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
IRF4 Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of IRF4 (arrow) using rabbit polyclonal IRF4 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the IRF4 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF4 antibody	The protein encoded by this gene belongs to the IRF (interferon regulatory factor) family of transcription factors, characterized by an unique tryptophan pentad repeat DNA-binding domain. The IRFs are important in the regulation of interferons in response to infection by virus, and in the regulation of interferon-inducible genes. This family member is lymphocyte specific and negatively regulates Toll-like-receptor (TLR) signaling that is central to the activation of innate and adaptive immune systems. A chromosomal translocation involving this gene and the IgH locus, t(6;14)(p25;q32), may be a cause of multiple myeloma. Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-IRF4 antibody	Cancer
References	Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010) Staudt, V., et al. Immunity 33(2):192-202(2010) Newton-Bishop, J.A., et al. Cancer Epidemiol. Biomarkers Prev. 19(8):2043-2054(2010) Duffy, D.L., et al. Am. J. Hum. Genet. 87(1):6-16(2010) Eriksson, N., et al. PLoS Genet. 6 (6), E1000993 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	305632828
NCBI GeneID	3662
NCBI Accession #	NP_001182215.1; NP_002451.2
NCBI GenBank Nucleotide #	NM_001195286.1
UniProt Accession #	Q15306; Q5VUI7; Q99660
Molecular Weight	51772
NCBI Official Full Name	interferon regulatory factor 4 isoform 2
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
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-flow-cytometry-western-blot-elisa/287198>