

Product datasheet for **TA319669**

MUM1 (IRF4) Rabbit Polyclonal Antibody

Product data:

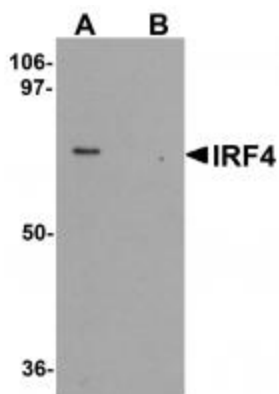
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IRF4 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human IRF4.
Formulation:	IRF4 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	IRF4 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interferon regulatory factor 4
Database Link:	NP_002451 Entrez Gene 3662 Human Q15306
Background:	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-alpha/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.



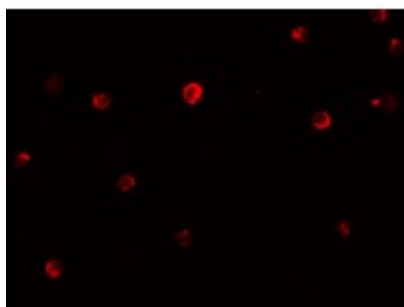
[View online »](#)

Synonyms: LSIRF; MUM1; NF-EM5; SHEP8

Product images:



Western blot analysis of IRF4 in Jurkat cell lysate with IRF4 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of IRF4 in Jurkat cells with IRF4 antibody at 20 ug/mL.



Immunocytochemistry of IRF4 in Jurkat cells with IRF4 antibody at 10 ug/mL.