

## Product datasheet for **TA319669**

### **MUM1 (IRF4) Rabbit Polyclonal Antibody**

#### **Product data:**

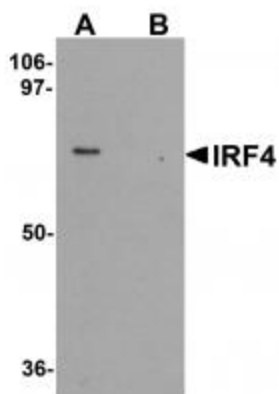
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IF, WB
<b>Recommended Dilution:</b>	WB: 1 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	IRF4 antibody was raised against a 16 amino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



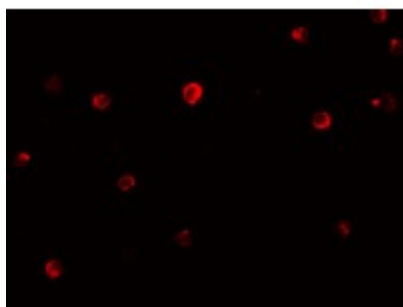
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Synonyms: LSIRF; MUM1; NF-EM5; SHEP8

**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.