

### IRF4 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP8836b

### **Specification**

IRF4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession <u>Q15306</u>

IRF4 Antibody (C-term) Blocking Peptide - Additional Information

**Gene ID 3662** 

#### **Other Names**

Interferon regulatory factor 4, IRF-4, Lymphocyte-specific interferon regulatory factor, LSIRF, Multiple myeloma oncogene 1, NF-EM5, IRF4, MUM1

#### Target/Specificity

The synthetic peptide sequence used to generate the antibody <a href=/products/AP8836b>AP8836b</a> was selected from the C-term region of human IRF4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IRF4 Antibody (C-term) Blocking Peptide - Protein Information

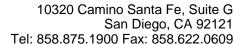
Name IRF4

# IRF4 Antibody (C-term) Blocking Peptide - Background

IRF4 is a transcriptional activator. It Binds to the interferon-stimulated response element (ISRE) of the MHC class I promoter and binds the immunoglobulin lambda light chain enhancer, together with PU.1. This protein probably plays a role in ISRE-targeted signal transduction mechanisms specific to lymphoid cells.

## IRF4 Antibody (C-term) Blocking Peptide - References

lida, S., Rao, P.H., et.al., Nat. Genet. 17 (2), 226-230 (1997)





### Synonyms MUM1

#### **Function**

Transcriptional activator. Binds to the interferon-stimulated response element (ISRE) of the MHC class I promoter. Binds the immunoglobulin lambda light chain enhancer, together with PU.1. Probably plays a role in ISRE-targeted signal transduction mechanisms specific to lymphoid cells. Involved in CD8(+) dendritic cell differentiation by forming a complex with the BATF-JUNB heterodimer in immune cells, leading to recognition of AICE sequence (5'-TGAnTCA/GAAA- 3'), an immune-specific regulatory element, followed by cooperative binding of BATF and IRF4 and activation of genes (By similarity).

**Cellular Location** Nucleus.

**Tissue Location** Lymphoid cells.

# IRF4 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides