10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

IRF4 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP8836b

Specification

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

Primary Accession Q15306

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 AP8836b 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

Iida,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