IRF4 Antibody
Rabbit mAb
Catalog # AP92480

Specification

IRF4 Antibody - Product Information

Application	**WB, IHC, IP**
Primary Accession	Q15306
Clonality	**Monoclonal**
Other Names	

Interferon regulatory factor 4; Irf4; LSIRF; MUM1; NFEM5;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**51772 Da**

IRF4 Antibody - Additional Information

Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human IRF4**
Description	**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.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

IRF4 Antibody - Protein Information

Name IRF4

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).
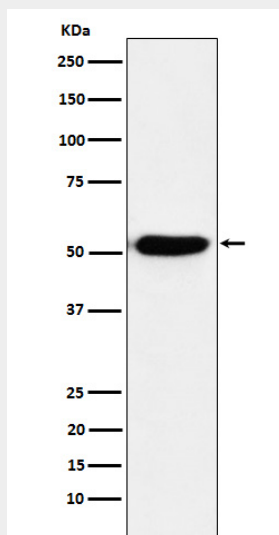
Cellular Location
Nucleus.

Tissue Location
Lymphoid cells.

IRF4 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IRF4 Antibody - Images

Western blot analysis of IRF4 expression in Ramos cell lysate.