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IRF4 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14824

Specification

IRF4 Antibody (C-Terminus) - Product Information

Application	**ICC, IF**
Primary Accession	Q15306
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**52kDa KDa**

IRF4 Antibody (C-Terminus) - 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
Human IRF4. IRF4 antibody is predicted to not cross-react with other IRF protein family members. IRF4 often migrates at a higher than predicted molecular weight in SDS-PAGE.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
IRF4 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

IRF4 Antibody (C-Terminus) - 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.

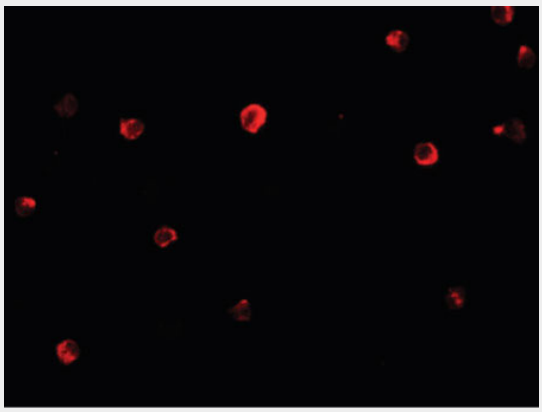
IRF4 Antibody (C-Terminus) - Protocols

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 (C-Terminus) - Images

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



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

IRF4 Antibody (C-Terminus) - Background

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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).

IRF4 Antibody (C-Terminus) - References

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Iida S.,et al.Nat. Genet. 17:226-230(1997).
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