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IRF4 Antibody

Rabbit mAb
Catalog # AP92480

Product Information

Application	WB, IHC, IP
Primary Accession	Q15306
Reactivity	Human
Clonality	Monoclonal
Other Names	Interferon regulatory factor 4; Irf4; LSIRF; MUM1; NFEM5;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	51772

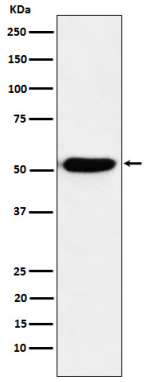
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50
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.

Protein Information

Name	IRF4 {ECO:0000303|PubMed:15489334, ECO:0000303|PubMed:8921401}
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.
Cellular Location	Nucleus. Cytoplasm
Tissue Location	Lymphoid cells.

Images



Western blot analysis of IRF4 expression in Ramos cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.