10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IRF4 Rabbit mAb

Catalog # AP76603

Product Information

Application	WB, IHC-P, IP
Primary Accession	Q15306
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	51772

Additional Information

Gene ID	3662
Other Names	IRF4
Dilution	WB~~1:1000 IHC-P~~N/A IP~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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.

Background

Melanoma associated antigen (mutated) 1 (MUM1, EXPAND1) is a PWWP-domain containing chromatin binding protein involved in maintaining chromatin architecture of interphase chromosomes.

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