

MUM1 Antibody

Rabbit mAb Catalog # AP91510

Product Information

Application Primary Accession Reactivity Clonality Other Names	WB, IHC, IF, FC, ICC, IP, IHF <u>Q15306</u> Human Monoclonal LSIRF; Multiple myeloma oncogene 1; NF-EM5; IRF4; MUM1; Transcriptional activator PIP;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	51772

Additional Information

Dilution Purification Immunogen	WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:100 FC 1:120 Affinity-chromatography A synthesized peptide derived from human MUM1
Description	Melanoma associated antigen (mutated) 1 (MUM1, EXPAND1) is a PWWP-domain containing chromatin binding protein involved in maintaining chromatin architecture of interphase chromosomes.
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



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