10320 Camino Santa Fe, Suite G
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MUM1 Antibody
Rabbit mAb
Catalog # AP91510

Specification

MUM1 Antibody - Product Information

Application	**WB, IHC, FC, ICC, IP**
Primary Accession	Q15306
Clonality	**Monoclonal**

Other Names
LSIRF; Multiple myeloma oncogene 1; NF-EM5; IRF4; MUM1; Transcriptional activator PIP;

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

MUM1 Antibody - Additional Information

Dilution	**WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**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.**

MUM1 Antibody - 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.

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Cellular Location
Nucleus. Cytoplasm

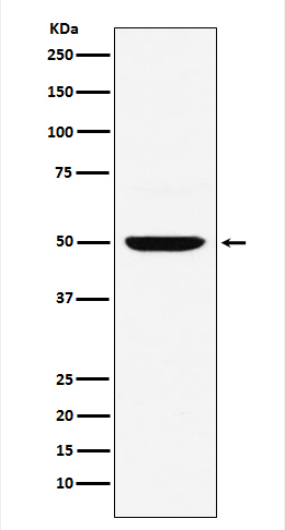
Tissue Location
Lymphoid cells.

MUM1 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

MUM1 Antibody - Images



Western blot analysis of MUM1 expression in Daudi cell lysate.