

# MUM1 Antibody

Rabbit mAb

Catalog # AP91510

## Product Information

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

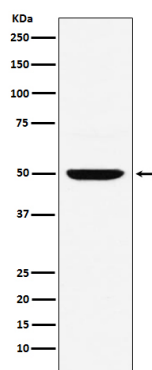
## Additional Information

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

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | IRF4 {ECO:0000303   PubMed:15489334, ECO:0000303   PubMed:8921401}                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | Nucleus. Cytoplasm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Tissue Location</b>   | Lymphoid cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Images



Western blot analysis of MUM1 expression in Daudi cell lysate.

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