

Anti-MUM1 Monoclonal Antibody Catalog # ABO14493

Specification

Anti-MUM1 Monoclonal Antibody - Product Information

| | |
|-------------------|--------------------------|
| Application | WB, IHC, IF, ICC, IP, FC |
| Primary Accession | Q15306 |
| Host | Rabbit |
| Isotype | Rabbit IgG |
| Reactivity | Human |
| Clonality | Monoclonal |
| Format | Liquid |

Description

Anti-MUM1 Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

Anti-MUM1 Monoclonal Antibody - Additional Information

Gene ID 3662

Other Names

Interferon regulatory factor 4, IRF-4, Lymphocyte-specific interferon regulatory factor, LSIRF, Multiple myeloma oncogene 1, NF-EM5, IRF4, MUM1

Application Details

WB 1:1000-1:5000
IHC 1:50-1:200
ICC/IF 1:50-1:200
IP 1:100
FC 1:120

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

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

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-MUM1 Monoclonal Antibody - Protein Information

Name IRF4

Synonyms MUM1

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 (By similarity).

Cellular Location

Nucleus.

Tissue Location

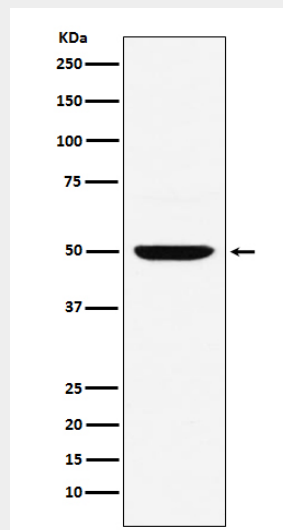
Lymphoid cells.

Anti-MUM1 Monoclonal 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 Cytometry](#)
- [Cell Culture](#)

Anti-MUM1 Monoclonal Antibody - Images



Western blot analysis of MUM1 expression in Daudi cell lysate.