

IRF-4/MUM1 (AB1262) mouse mAb

W0475

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 52 kDa (calculated)
- 52 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1262

Immunogen A synthetic peptide corresponding to the amino acid region 350 - 451 of the human IRF - 4/MUM1 protein.

Specificity The antibody can specifically recognize human MUM1 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name IRF4

Protein Name IRF-4/MUM1

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q15306	3662

Background

MUM1, also known as interferon regulatory factor 4, with a molecular weight of 50 kDa, is a nuclear transcription factor necessary for the development and activation of B lymphocytes. It can regulate the proliferation and differentiation of B cells and activate T lymphocytes. It is mainly used for the study of B-cell lymphoma. It is expressed in multiple myeloma, lymphoplasmacytic lymphoma and diffuse large B-cell lymphoma. It can be used as a tissue derived immunophenotypic marker of B-cell lymphoma. At the same time, it is also expressed in RS cells in anaplastic large cell lymphoma, peripheral T-cell lymphoma and classical Hodgkin's lymphoma. It is an immunophenotypic marker of malignant lymphoma, only limited to lymphocytes and melanocytes.



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