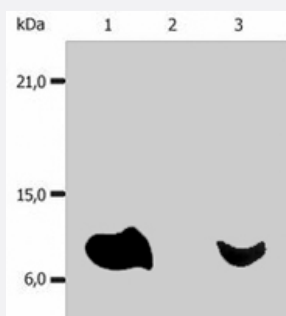


B2M monoclonal antibody, clone B2M-01

Catalog # MAB0899 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blotting analysis (non - reducing conditions) of whole cell lysate of various cell lines using B2M monoclonal antibody, clone B2M - 01 (Cat # MAB0899) . Lane 1 : Raji human Burkitt lymphoma cell line. Lane 2 : EL4 mouse lymphoblastic lymphoma cell line. Lane 3 : U 937 human histiocytic lymphoma cell line.

Specification

Product Description	Mouse monoclonal antibody raised against native B2M.
Immunogen	Native purified human B2M.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blotting analysis (non - reducing conditions) of whole cell lysate of various cell lines using B2M monoclonal antibody, clone B2M - 01 (Cat # MAB0899) . Lane 1 : Raji human Burkitt lymphoma cell line. Lane 2 : EL4 mouse lymphoblastic lymphoma cell line. Lane 3 : U 937 human histiocytic lymphoma cell line.

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

- Radioimmunoassay

- Flow Cytometry

Gene Info — B2M

Entrez GeneID	567
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Gene Name	B2M
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Gene Alias	-
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Gene Description	beta-2-microglobulin
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Omim ID	109700 241600
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia
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Other Designations	beta chain of MHC class I molecules beta-2-microglobin
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Pathway

- [Antigen processing and presentation](#)

Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Edema](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Osteoarthritis](#)
- [Parkinson disease](#)
- [Stomach Neoplasms](#)