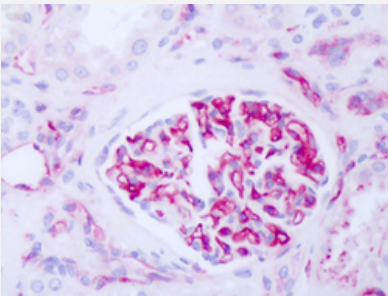


B2M monoclonal antibody, clone B2M-01

Catalog # MAB16304 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney, glomerulus with B2M monoclonal antibody, clone B2M-01 (Cat # MAB16304).

Specification

Product Description Mouse monoclonal antibody raised against human B2M.

Immunogen Purified human B2M.

Host Mouse

Reactivity Human

Form Liquid

Purification Purified

Isotype IgG2a

Recommend Usage

- ELISA
- Flow Cytometry
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50)
- Immunoprecipitation
- Radioimmunoassay
- Western Blot (2-4 ug/mL)
- 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. For long term storage store at -20°C.
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
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney, glomerulus with B2M monoclonal antibody, clone B2M-01 (Cat # MAB16304).
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay
- Flow Cytometry

Gene Info — B2M

Entrez GeneID[567](#)**Protein Accession#**[P61769](#)**Gene Name**

B2M

Gene Alias

-

Gene Description

beta-2-microglobulin

Omim ID[109700 241600](#)**Gene Ontology**[Hyperlink](#)**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

Other Designations

beta chain of MHC class I molecules|beta-2-microglobin

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](#)