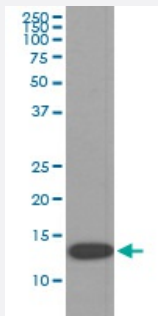


B2M monoclonal antibody, clone CEA-2

Catalog # MAB19612 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of U937 cell lysate with B2M monoclonal antibody.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human B2M.

Immunogen A synthetic peptide corresponding to human B2M.

Host Rabbit

Reactivity Human, Mouse, Rat

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
 Immunocytochemistry (1:50-1:200)
 Immunofluorescence (1:50-1:200)
 Immunoprecipitation (1:30)
 Western Blot (1:500-1:2000)
 The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 blot analysis of U937 cell lysate with B2M monoclonal antibody.

- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

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](#)