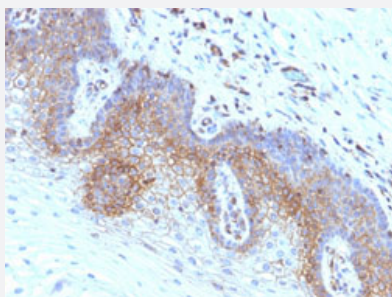


B2M monoclonal antibody, clone SPM617

Catalog # MAB13145 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cervix cancer with B2M monoclonal antibody, clone SPM617 (Cat # MAB13145).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human B2M.
Immunogen	Recombinant protein corresponding to full length human B2M.
Host	Mouse
Theoretical MW (kDa)	12
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cervix cancer with B2M monoclonal antibody, clone SPM617 (Cat # MAB13145).

- Immunofluorescence

- 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](#)