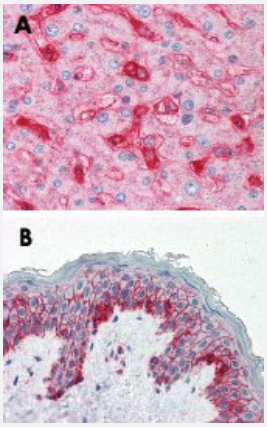
B2M monoclonal antibody, clone 2213

Catalog # MAB8045 Size 50 uL

Applications



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

Immunohistochemistry staining (formalin-fixed, paraffin-embedded) of B2M in human liver (A) and human skin (B) with B2M monoclonal antibody, clone 2213 (Cat # MAB8045).

Specification

Product Description	Mouse monoclonal antibody raised against B2M.
Immunogen	Highly pure human B2M.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 8.0 (10% glycerol, 0.05% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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

Applications

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

  Immunohistochemistry staining (formalin-fixed, paraffin-embedded) of B2M in human liver (A) and human skin (B) with B2M monoclonal antibody, clone 2213 (Cat # MAB8045).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — B2M

Entrez GeneID	567
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 comple x (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predomi nantly 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

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- Diabetes Mellitus
- Disease
- Edema
- Gastritis
- Genetic Predisposition to Disease
- Kidney Failure
- Osteoarthritis
- Parkinson disease
- Stomach Neoplasms

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