

B2M monoclonal antibody, clone D2A10

Catalog # MAB8113 Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant B2M.
Immunogen	Recombinant protein corresponding to human B2M.
Host	Mouse
Reactivity	Human
Form	Lyophilized
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS
Storage Instruction	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- 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 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](#)