

B2M monoclonal antibody, clone 4E12

Catalog # H00000567-M04

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full length native B2M.
Immunogen	Native purified human B2M.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG2a, kappa
Quality Control Testing	Antibody Reactive Against Native Protein
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

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](#)