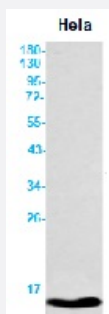


RecomAb™

B2M recombinant monoclonal antibody, clone R07-8B6

Catalog # RAB01563 Size 100 uL

Applications



Western Blot

Western blot analysis of beta 2 Microglobulin in HeLa lysates using human beta 2 Microglobulin recombinant monoclonal antibody, clone R07-8B6 (Cat # RAB01563).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human beta 2 Microglobulin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human beta 2 Microglobulin
Theoretical MW (kDa)	Calculated MW: 14 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to 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

Western blot analysis of beta 2 Microglobulin in Hela lysates using human beta 2 Microglobulin recombinant monoclonal antibody, clone R07-8B6 (Cat # RAB01563).

- Immunoprecipitation

Gene Info — B2M

Entrez GeneID[567](#)**Protein Accession#**[P61769](#)**Gene Name**

B2M

Gene Alias

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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](#)