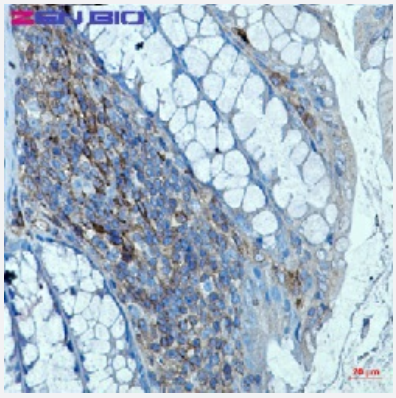
RecomAb™

B2M recombinant monoclonal antibody, clone R01-4H5

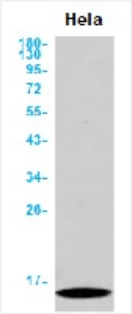
Catalog # RAB01562 Size 100 uL

Applications



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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of mouse colon with beta 2 Microglobulin recombinant monoclonal antibody, clone R01-4H5 (Cat # RAB01562).



Western Blot

Western blot analysis of beta 2 Microglobulin in Hela lysates using human beta 2 Microglobulin recombinant monoclonal antibody, clone R01-4H5 (Cat # RAB01562).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human beta 2 Microglobulin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human beta 2 Microglobulin
Theoretical MW (kDa)	Calculated MW: 14 kD
Reactivity	Human

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Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1/100) 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 shoul d be handled by trained staff only.

Applications

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

  Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of mouse colon with beta 2 Microglobulin recombinant monoclonal antibody, clone R01-4H5 (Cat # RAB01562).

- Immunoprecipitation

- Western Blot

  Western blot analysis of beta 2 Microglobulin in Hela lysates using human beta 2 Microglobulin recombinant monoclonal antibody, clone R01-4H5 (Cat # RAB01562).

Gene Info — B2M

Entrez GeneID	567
Protein Accession#	P61769
Gene Name	B2M
Gene Alias	-
Gene Description	beta-2-microglobulin

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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

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