

Recombinant B2M/beta-2 microglobulin Monoclonal Antibody

catalog number: **AN300018P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

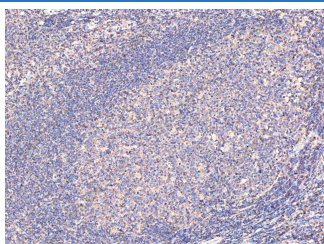
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human B2M / beta-2 microglobulin protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110017
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

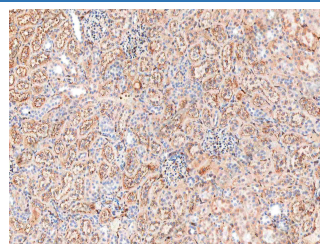
Recommended Dilution

IHC	1:2000-1:10000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

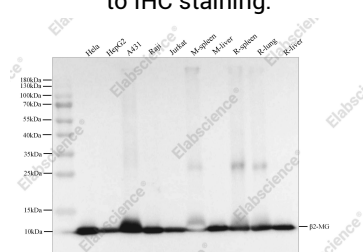
Data



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue sections using B2M/beta-2 microglobulin Antibody (AN300018P) at a dilution of 1:3000 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Rat kidney tissue sections using B2M/beta-2 microglobulin Antibody (AN300018P) at a dilution of 1:3000 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of

HeLa, HepG2, A431, Raji, Jurkat, Mouse spleen, Mouse liver, Rat spleen, Rat lung and Rat liver cell lysates using B2M/beta-2 microglobulin Antibody (AN300018P) at a dilution of 1:3000.

Observed-MW:12kD

Calculated-MW:14kD

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Rev. V1.7

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

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. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia.[provided by RefSeq, Aug 2014]

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