Recombinant B2M/beta-2 microglobulin Monoclonal Antibody

catalog number: AN300018P

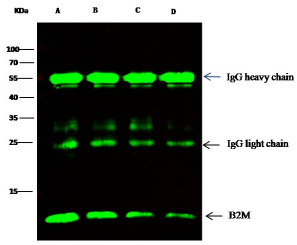
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human B2M / beta-2 microglobulin protein
Host	Rabbit
Isotype	IgG
Clone	A1128
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:1000
IP	0.2-1 μL/mg of lysate

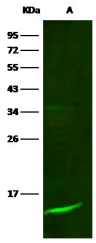
Data



Immunoprecipitation analysis using 0.5 μL anti-B2M Monoclonal Antibody and 15 μl of 50 % Protein G agarose.Western blot was performed from the immunoprecipitate using B2M Monoclonal Antibody at a dilution of 1:500. Lane A:0.5 mg HL-60 Whole Cell Lysate, Lane B:0.5 mg A431 Whole Cell Lysate, Lane C:0.5 mg Hela Whole Cell Lysate, Lane D:0.5 mg Raji Whole Cell Lysate

Observed-MW:14 kDa

Calculated-MW:14 kDa



Western Blot with B2M / beta-2 microglobulin Monoclonal Antibody at dilution of 1:500. Lane A: Hela Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:14 kDa

Calculated-MW:14 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated 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.

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