

For Research Use Only

Beta-2-Microglobulin Polyclonal antibody

Catalog Number: 30226-1-AP



Basic Information

Catalog Number: 30226-1-AP	GenBank Accession Number: BC032589	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1500 ug/ml by Nanodrop;	GeneID (NCBI): 567	Recommended Dilutions: WB 1:1000-1:4000 IF/ICC 1:200-1:800
Source: Rabbit	ENSEMBL Gene ID: ENSG00000166710	
Isotype: IgG	UNIPROT ID: P61769	
	Full Name: beta-2-microglobulin	
	Calculated MW: 119 aa, 14 kDa	
	Observed MW: 12-14 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human	WB : A431 cells, HepG2 cells, HeLa cells, U-937 cells, Jurkat cells, Raji cells
	IF/ICC : NCCIT cells,

Background Information

Beta-2-microglobulin (B2M) is a component of MHC class I molecules, which are present on the surface of nearly all nucleated cells. It can be found in body fluids under physiologic conditions as a result of shedding from cell surfaces or intracellular release. B2M has various biological functions, including antigen presentation. Investigations reveal that increased synthesis and release of B2M are present in several malignant diseases.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

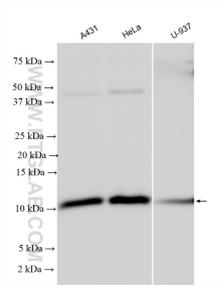
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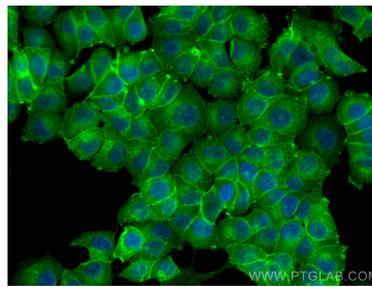
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30226-1-AP (Beta-2-Microglobulin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed NCCIT cells using Beta-2-Microglobulin antibody (30226-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).