

For Research Use Only

Beta-2-Microglobulin Monoclonal antibody



Catalog Number: 68395-1-Ig

Basic Information

Catalog Number: 68395-1-Ig	GenBank Accession Number: BC032589	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 567	CloneNo.: 1H3F4
Source: Mouse	Full Name: beta-2-microglobulin	Recommended Dilutions: IF 1:1000-1:4000
Isotype: IgG1	Calculated MW: 119 aa, 14 kDa	
	Observed MW: 12-14 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : NCCIT cells, A431 cells
Species Specificity: Human	

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. This antibody can be used for staining living cells.

Storage

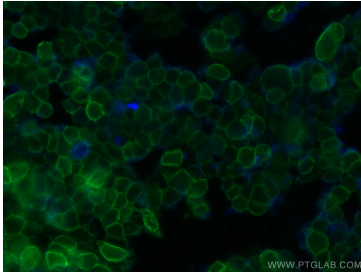
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunofluorescent analysis of NCCIT cells (non-fixation) using Beta-2-Microglobulin antibody (68395-1-Ig, Clone: 1H3F4) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).