

For Research Use Only

CoraLite® Plus 488-conjugated Beta-2-Microglobulin Monoclonal antibody



Catalog Number: CL488-68395

Basic Information

Catalog Number: CL488-68395	GenBank Accession Number: BC032589	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 567	CloneNo.: 1H3F4
Source: Mouse	ENSEMBL Gene ID: ENSG00000166710	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	UNIPROT ID: P61769	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Full Name: beta-2-microglobulin	
	Calculated MW: 119 aa, 14 kDa	
	Observed MW: 12-14 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : NCCIT 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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, 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)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed NCCIT cells using CoraLite® Plus 488 Beta-2-Microglobulin antibody (CL488-68395, Clone: 1H3F4) at dilution of 1:200.