

For Research Use Only

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



Catalog Number: CL488-66207

Basic Information

Catalog Number: CL488-66207	GenBank Accession Number: BC032589	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 567	CloneNo.: 1C3B7
Source: Mouse	Full Name: beta-2-microglobulin	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 14 kDa	Excitation/Emission maximum wavelengths: 488 nm / 515 nm
	Observed MW: 13 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : human prostate cancer tissue,
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.

Storage

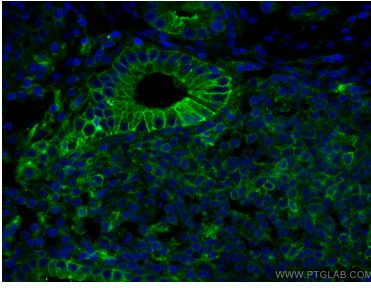
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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) E: proteintech@ptglab.com W: ptglab.com

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 human prostate cancer tissue using CoraLite® Plus 488 Beta-2-Microglobulin antibody (CL488-66207, Clone: 1C3B7) at dilution of 1:100.