

For Research Use Only

CoraLite® Plus 750-conjugated TOM20 Monoclonal antibody



Catalog Number:CL750-66777

Basic Information

Catalog Number: CL750-66777	GenBank Accession Number: BC000882	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9804	CloneNo.: 1D6F5
Source: Mouse	Full Name: translocase of outer mitochondrial membrane 20 homolog (yeast)	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Isotype: IgG2b	Calculated MW: 145 aa, 16 kDa	
Immunogen Catalog Number: AG2378	Observed MW: 16 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human

Background Information

TOM20, also named as KIAA0016, belongs to the Tom20 family. It is a central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22, TOM20 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore. TOM20 is characterized as major docking receptors to mediate the recognition by different mechanisms.

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.

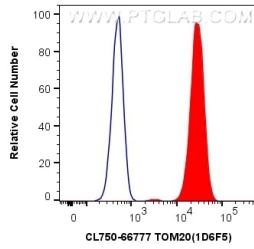
Aliquoting is unnecessary for -20°C storage

*** 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) 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



1X10⁶ HeLa cells were intracellularly stained with 0.8 ug Coralite® Plus 750 Anti-Human TOM20 (CL750-66777, Clone:1D6F5) (red), or 0.8 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).