

For Research Use Only

CoraLite® Plus 488-conjugated CD63 Recombinant monoclonal antibody

Catalog Number: CL488-84507-4



Basic Information

Catalog Number: CL488-84507-4	GenBank Accession Number: BC002349	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 967	CloneNo.: 241964H1
Source: Rabbit	UNIPROT ID: P08962	Recommended Dilutions: IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: CD63 molecule	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG2064	Calculated MW: 26 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A431 cells, HepG2 cells
Species Specificity: human	

Background Information

CD63 is a 30-60 kDa lysosomal membrane protein that belongs to the tetraspanin family. This protein plays many important roles in immuno-physiological functions. It mediates signal transduction events that regulate cell development, activation, growth, and motility. CD63 is expressed on activated platelets, thus it may function as a blood platelet activation marker. CD63 is a lysosomal membrane glycoprotein translocated to the plasma membrane after platelet activation. The CD63 tetraspanin is highly expressed in the early stages of melanoma and decreases in advanced lesions, suggesting it is a possible suppressor of tumor progression. Deficiency of this protein is associated with Hermansky-Pudlak syndrome.

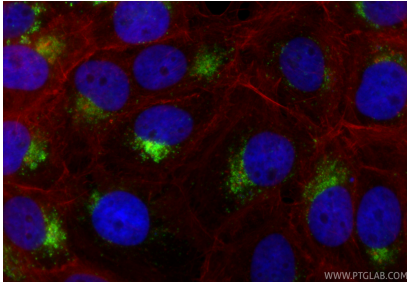
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

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 A431 cells using CoraLite® Plus 488 CD63 antibody (CL488-84507-4, Clone: 241964H1) at dilution of 1:500, CL594-Phalloidin (red).