

For Research Use Only

CoraLite® Plus 488 Anti-Human CD63 Rabbit Recombinant Antibody

Catalog Number:CL488-98318



Basic Information

Catalog Number: CL488-98318	GenBank Accession Number: BC002349	Purification Method: Protein A purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 967	CloneNo.: 241964E1
Source: Rabbit	UNIPROT ID: P08962	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: CD63 molecule	
Immunogen Catalog Number: EG2064	Calculated MW: 26 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : Thrombin treated human peripheral blood platelets,
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 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

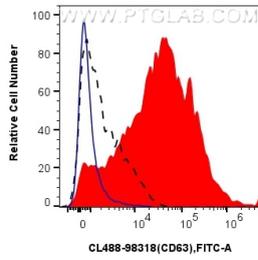
For technical support and original validation data for this product please contact:

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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



1×10^6 thrombin-treated human peripheral blood platelets were surface stained with 5 μ l Coralite® Plus 488 Anti-Human CD63 Rabbit RecAb (CL488-98318, Clone: 241964E1) (red) or Coralite® Plus 488 Rabbit IgG Isotype Control RecAb (CL488-98136, Clone: 240953C9) (blue). 1×10^6 untreated human peripheral blood platelets were surface stained with 5 μ l Coralite® Plus 488 Anti-Human CD63 Rabbit RecAb (CL488-98318, Clone:241964E1)(black,

