

For Research Use Only

CoraLite® Plus 488 Anti-Human CD63 Rabbit scFv Antibody

Catalog Number: CL488-SF98318



Basic Information

Catalog Number:

CL488-SF98318

Source:

Rabbit

Type:

scFv

Immunogen Catalog Number:

EG2064

GenBank Accession Number:

BC002349

GeneID (NCBI):

967

Full Name:

CD63 molecule

Calculated MW:

26 kDa

Purification Method:

Affinity purification

CloneNo.:

241964E1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : Thrombin treated human peripheral blood platelets,

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 4% sucrose and 0.09% sodium azide, pH7.3

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

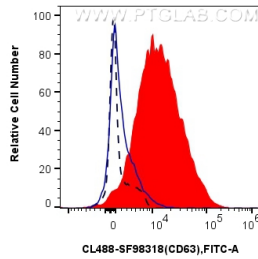
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 thrombin treated human peripheral blood platelets were surface stained with 0.25 μ g CoraLite® Plus 488 Anti-Human CD63 Rabbit scFv Antibody (CL488-SF98318, Clone: 241964E1) (red) or 0.25 μ g Isotype Control (blue). 1×10^6 untreated human peripheral blood platelets were surface stained with 0.25 μ g CoraLite® Plus 488 Anti-Human CD63 Rabbit scFv Antibody (CL488-SF98318, Clone: 241964E1) (black, dashed). Cells were not fixed.