

For Research Use Only

CoraLite® Plus 405 Anti-Human CD63 Rabbit scFv Antibody

Catalog Number: CL405-SF98318



Basic Information

Catalog Number:

CL405-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:

399 nm / 422 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:

50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin300, pH7.3

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

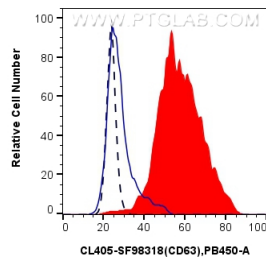
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ thrombin treated human peripheral blood platelets were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Human CD63 Rabbit scFv Antibody (CL405-SF98318, Clone: 241964E1) (red) or FcZero-rAb® CoraLite® Plus 405 Rabbit IgG Isotype Control Recombinant Antibody (CL405-FcA98136, Clone: 240953C9) (blue). 1x10⁶ untreated human peripheral blood platelets were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Human CD63 Rabbit scFv

