

For Research Use Only

Anti-Human CD63 (H5C6)

Catalog Number: 65295-1-Ig



Basic Information

Catalog Number:

65295-1-Ig

Size:

100ug, 0.5 mg/ml

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC013017

GeneID (NCBI):

967

Full Name:

CD63 molecule

Purification Method:

Affinity purification

CloneNo.:

H5C6

Recommended Dilutions:

FC: 0.2 ug per 10⁶ cells in 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : thrombin-activated 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 play a role in the regulation of 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 that is translocated to plasma membrane after platelet activation. The CD63 tetraspanin is highly expressed in the early stages of melanoma and decreases in advanced lesions, suggesting it as 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, pH7.3

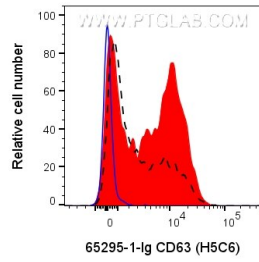
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

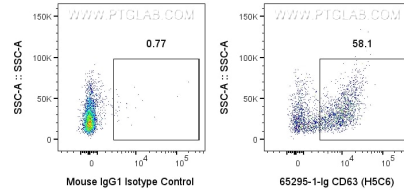
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



100ul thrombin-activated (red) or unactivated (black dashed) human peripheral blood platelets (diluted 1:2 in PBS) were surface stained with 0.2 ug Anti-Human CD63 (65295-1-Ig, Clone: H5C6) or Mouse IgG1 Isotype Control (65124-1-Ig) (blue) and CoraLite®647-conjugated F(ab')₂ Fragment Goat Anti-Mouse IgG (H+L) (SA00014-8). Cells were not fixed.



100ul thrombin-activated (red) or unactivated (black dashed) human peripheral blood platelets (diluted 1:2 in PBS) were surface stained with 0.2 ug Anti-Human CD63 (65295-1-Ig, Clone: H5C6) or Mouse IgG1 Isotype Control (65124-1-Ig) (blue) and CoraLite®647-conjugated F(ab')₂ Fragment Goat Anti-Mouse IgG (H+L) (SA00014-8). Cells were not fixed.