

For Research Use Only

# Anti-Human CD63 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98318-1-PBS



## Basic Information

Catalog Number:

98318-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC002349

GeneID (NCBI):

967

UNIPROT ID:

P08962

Full Name:

CD63 molecule

Calculated MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

241964E1

## Applications

Tested Applications:

FC

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 -80°C.

Storage Buffer:

PBS Only

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

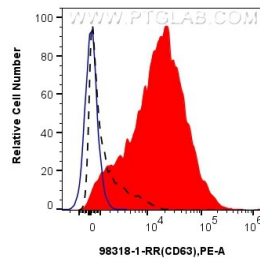
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



$1 \times 10^6$  Thrombin-treated human peripheral blood platelets were surface stained with 0.25  $\mu$ g Anti-Human CD63 Rabbit RecAb (98318-1-RR, Clone: 241964E1) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Untreated human peripheral blood platelets were surface stained with 0.25  $\mu$ g Anti-Human CD63 Rabbit RecAb (98318-1-RR, Clone: 241964E1) and PE-conjugated Goat Anti-

