

For Research Use Only

# CoraLite® Plus 488 Anti-Human CD63 Rabbit Recombinant Antibody

Catalog Number: CL488-98318



## Basic Information

Catalog Number:

CL488-98318

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2064

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

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 0.09% sodium azide and 0.5% BSA, pH7.3

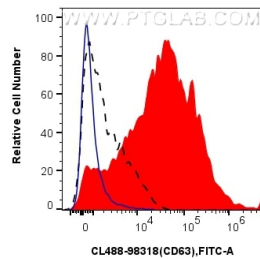
For technical support and original validation data for this product please contact:

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## Selected Validation Data



$1 \times 10^6$  thrombin-treated human peripheral blood platelets were surface stained with 5  $\mu$ 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).  $1 \times 10^6$  untreated human peripheral blood platelets were surface stained with 5  $\mu$ l CoraLite® Plus 488 Anti-Human CD63 Rabbit RecAb (CL488-98318, Clone: 241964E1) (black,

