

For Research Use Only

# FcZero-rAb® CoraLite® Plus 488 Anti-Human uPAR/CD87 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98048



## Basic Information

Catalog Number:

CL488-FcA98048

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0901

GenBank Accession Number:

NM\_002659.4

GeneID (NCBI):

5329

UNIPROT ID:

Q03405-1

Full Name:

PLAUR

Calculated MW:

37 kDa

Purification Method:

Protein A purification

CloneNo.:

240366G10

Recommended Dilutions:

FC: 5 ul per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : PMA treated U-937 cells,

## Background Information

uPAR, also known as CD87, is a highly glycosylated, GPI-anchored membrane protein. In addition to the membrane-anchored form, uPAR is released from the plasma membrane by cleavage of the GPI anchor and can be found as a soluble form (suPAR). uPAR contains three homologous domains (D1-D3) of which the N-terminal one (D1) represents the uPA-binding domain. After binding to uPAR, uPA cleaves plasminogen, generating the active protease plasmin which is involved in a wide variety of physiologic and pathologic processes. In addition to regulating proteolysis, uPAR has important function in cell adhesion, migration and proliferation. Studies reveal that uPAR expression is elevated during inflammation and tissue remodeling and in many human cancers, in which it frequently indicates poor prognosis. (PMID 20027185; 12461559)

## 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

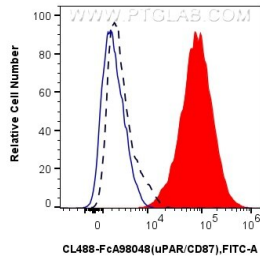
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



1x10<sup>6</sup> PMA treated U-937 cells were surface stained with 5 ul CoraLite® Plus 488 Anti-Human uPAR/CD87 Rabbit RecAb (CL488-FcA98048, Clone:240366G10) (red) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). 1x10<sup>6</sup> untreated U-937 cells were surface stained with 5 ul CoraLite® Plus 488 Anti-Human uPAR/CD87 Rabbit RecAb (CL488-FcA98048, Clone:240366G10)(black,dashed).

