

For Research Use Only

CoraLite® Plus 405 Anti-Human uPAR/CD87 Rabbit Recombinant Antibody

Catalog Number: CL405-98048



Basic Information

Catalog Number:

CL405-98048

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

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

Excitation/Emission maxima wavelengths:

399 nm / 422 nm

Applications

Tested Applications:

FC

Species Specificity:

human

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.

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

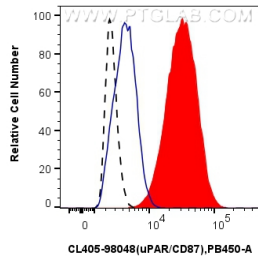
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ PMA treated U-937 cells were surface stained with 5 ul CoraLite® Plus 405 Anti-Human uPAR/CD87 Rabbit Recombinant Antibody (CL405-98048, Clone:240366G10) (red), or Isotype Control (blue). 1x10⁶ untreated U-937 cells were surface stained with 5 ul CoraLite® Plus 405 Anti-Human uPAR/CD87 Rabbit Recombinant Antibody (CL405-98048, Clone:240366G10) (black, dashed). Cells were not fixed.