

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	GenBank Accession Number: NM_002659.4	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 5329	CloneNo.: 240366G10
Source: Rabbit	UNIPROT ID: Q03405-1	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: PLAUR	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG0901	Calculated MW: 37 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : PMA treated U-937 cells,
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, pH7.3

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

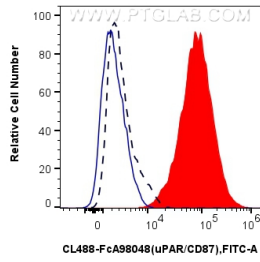
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Selected Validation Data



1x10⁶ 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). 1x10⁶ 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).

