

For Research Use Only

# FcZero-rAb™ PE Anti-Human uPAR/CD87 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98048



## Basic Information

<b>Catalog Number:</b> PE-FcA98048	<b>GenBank Accession Number:</b> NM_002659.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100tests, 5 ul/test	<b>GeneID (NCBI):</b> 5329	<b>CloneNo.:</b> 240366G10
<b>Source:</b> Rabbit	<b>Full Name:</b> PLAUR	<b>Excitation/Emission maxima wavelengths:</b> 496 nm, 565 nm / 578 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 37 kDa	

## 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:

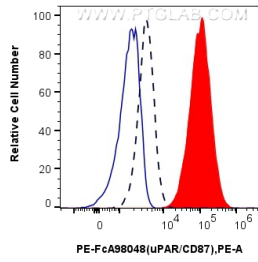
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1x10<sup>6</sup> PMA-treated U-937 cells were surface stained with 5 ul PE Anti-Human uPAR/CD87 Rabbit Recombinant Antibody (PE-FcA98048, Clone: 240366G10) (red), or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9) (blue). 1x10<sup>6</sup> untreated U-937 cells were surface stained with 5 ul PE Anti-Human uPAR/CD87 Rabbit Recombinant Antibody (PE-FcA98048, Clone: 240366G10) (black). Cells were not fixed.