For Research Use Only

Anti-Mouse uPAR/CD87 Rabbit Recombinant Antibody

Catalog Number:98424-3-RR

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Basic Information

Catalog Number:
98424-3-RR

Size:
100ug , 1000 µg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3156

GenBank Accession Number:
NM_011113.4

GeneID (NCBI):
18793

UNIPROT ID:
P35456

Full Name:
plasminogen activator, urokinase receptor

Calculated MW:
35 kDa

Purification Method:
Protein A purification

CloneNo.:
242976A9

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Applications

Tested Applications:
FC

Species Specificity:
mouse

Positive Controls:

FC : Transfected HEK-293T 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)

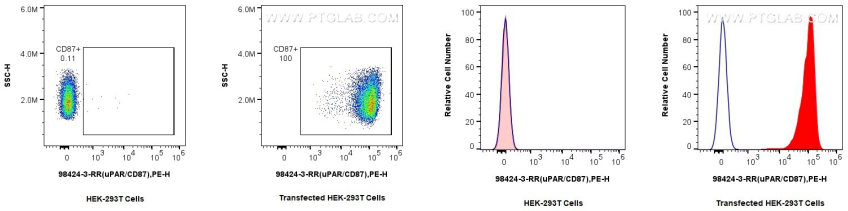
Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, 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
W: ptglab.com

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

Selected Validation Data



1x10^6 HEK-293T cells or uPAR/CD87 transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse uPAR/CD87 Rabbit RecAb (98424-3-RR, Clone: 242976A9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

1x10^6 HEK-293T cells or uPAR/CD87 transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse uPAR/CD87 Rabbit RecAb (98424-3-RR, Clone: 242976A9) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.