

For Research Use Only

Anti-Mouse uPAR/CD87 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98424-3-PBS



Basic Information

Catalog Number: 98424-3-PBS	GenBank Accession Number: NM_011113.4	Purification Method: Protein A purification
Size: 1mg, 2 mg/ml	GeneID (NCBI): 18793	CloneNo.: 242976A9
Source: Rabbit	UNIPROT ID: P35456	
Isotype: IgG	Full Name: plasminogen activator, urokinase receptor	
Immunogen Catalog Number: EG3156	Calculated MW: 35 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

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 -80°C.

Storage Buffer:
PBS only, pH7.3

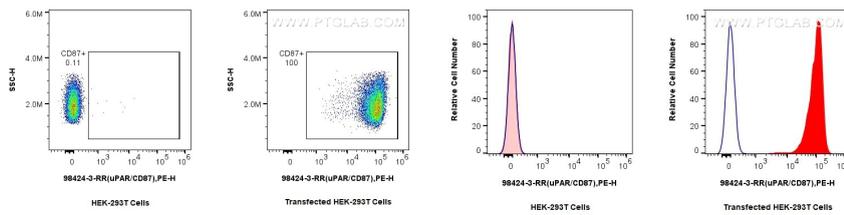
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ 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. This data was developed using the same antibody clone with 98424-3-PBS in a different storage buffer formulation.

1x10⁶ 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. This data was developed using the same antibody clone with 98424-3-PBS in a different storage buffer formulation.