

For Research Use Only

# uPAR/CD87 Polyclonal antibody

Catalog Number: 10286-1-AP

26 Publications



## Basic Information

### Catalog Number:

10286-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0187

### GenBank Accession Number:

BC002788

### GeneID (NCBI):

5329

### UNIPROT ID:

Q03405

### Full Name:

PLAUR

### Calculated MW:

37 kDa

### Observed MW:

35-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:8000

IF/ICC: 1:200-1:800

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF, ColP

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, bovine

### Positive Controls:

WB : RAW 264.7 cells, A2780 cells, U-251 cells, U-937 cells

IF/ICC : U-251 cells,

## Background Information

uPAR is a 45-65 kDa, 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 remodelling and in many human cancers, in which it frequently indicates poor prognosis. (PMID 20027185; 12461559)

## Notable Publications

Author	Pubmed ID	Journal	Application
Mulin Liu	34552345	J Inflamm Res	IHC
Jun-Ming Huang	30245631	Front Pharmacol	IF
Min Liu	28871079	Nat Commun	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

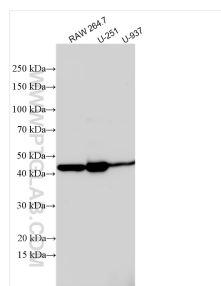
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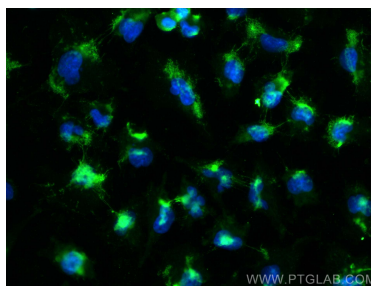
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10286-1-AP (uPAR/CD87 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using uPAR/CD87 antibody (10286-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).