

For Research Use Only

# uPAR, PLAUR Monoclonal antibody

Catalog Number: 68727-1-Ig



## Basic Information

<b>Catalog Number:</b> 68727-1-Ig	<b>GenBank Accession Number:</b> BC002788	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 5329	<b>CloneNo.:</b> 2A3E8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q03405	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG2b	<b>Full Name:</b> PLAUR	
<b>Immunogen Catalog Number:</b> AG28056	<b>Calculated MW:</b> 37 kDa	
	<b>Observed MW:</b> 35-50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U2OS cells, U-251 cells, A549 cells
<b>Species Specificity:</b> Human	

## Background Information

uPAR 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

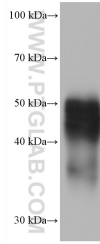
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## Selected Validation Data



U2OS cells were subjected to SDS PAGE followed by western blot with 68727-1-Ig (uPAR, PLAUR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.