

## Urokinase Rabbit mAb

Catalog No: #49439

Package Size: #49439-1 50ul #49439-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

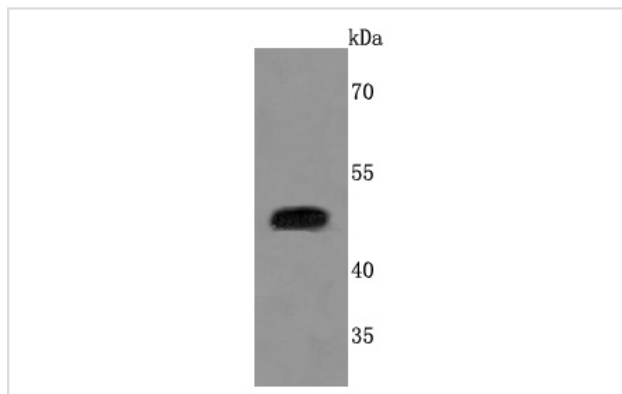
## Description

Product Name	Urokinase Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM106-09
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	ATF antibody ATF uPA antibody BDPLT5 antibody Plasminogen activator antibody Plasminogen activator urinary antibody Plasminogen activator urokinase antibody PLAU antibody QPD antibody u PA antibody U plasminogen activator antibody u-PA antibody U-plasminogen activator antibody uPA antibody URK antibody UROK_HUMAN antibody Urokinase plasminogen activator antibody Urokinase type plasminogen activator antibody Urokinase type plasminogen activator precursor antibody Urokinase-type plasminogen activator chain B antibody
Accession No.	Swiss-Prot#:P00749
Uniprot	P00749
GeneID	5328;
Calculated MW	49 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

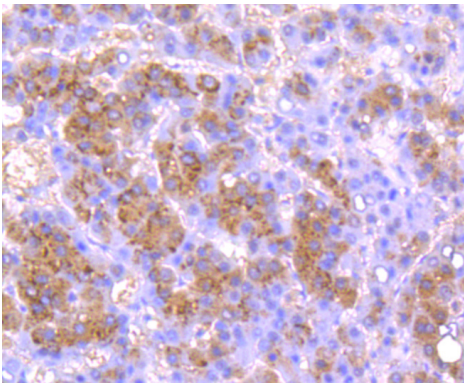
## Application Details

WB: 1:1,000-5,000 IHC: 1:50-1:200

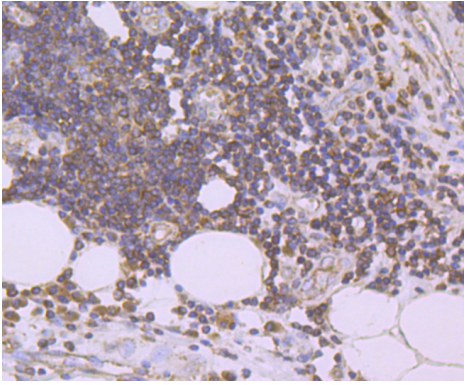
## Images



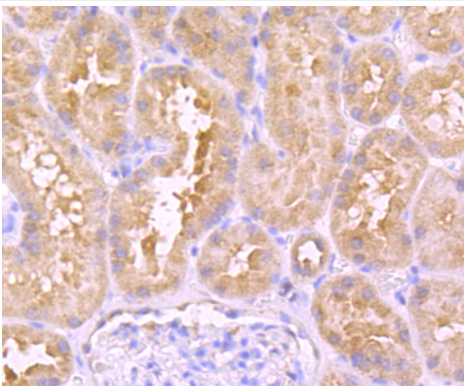
Western blot analysis of Urokinase on MCF-7 cells lysates using anti-Urokinase antibody at 1/500 dilution.



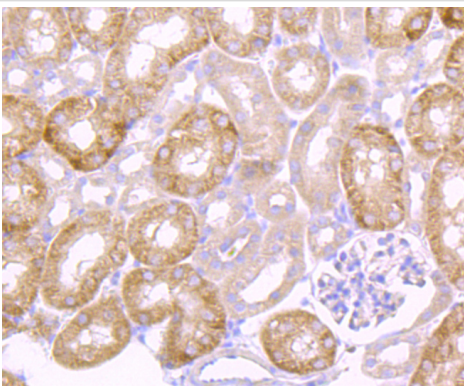
Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue using anti-Urokinase antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using anti-Urokinase antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Urokinase antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Urokinase antibody. Counter stained with hematoxylin.

## Background

Urokinase plasminogen activator receptor (uPAR), also designated CD87, is a glycoprotein I-anchored surface receptor specific for urokinase plasminogen activator (uPA). Upon binding to uPAR, uPA converts the surface bound, large serum  $\gamma$ -globulin, plasminogen to plasmin. Plasmin, which is also designated fibrinolysin, is a Trypsin-like enzyme that acts on Arg-Lys bonds and induces pericellular proteolysis in fibrin and fibrinogen, and thereby contributes to the systematic activation of the coagulation cascade. This pathway is observed during re-epithelialization of lesions, wound healing and tissue remodeling. uPA and uPAR are known to be overexpressed in mesenchymal and epithelial origin tumor cells and are required for tumor invasion and metastasis. Ras, MEK, ERK and MLCK function as downstream effectors in the uPAR-dependent signaling cascade, which is initiated by uPA binding, and promotes cellular migration in an integrin selective manner.

## References

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Note: This product is for in vitro research use only