Product Datasheet

NPHS2 Rabbit mAb

Catalog No: #49816

Package Size: #49816-1 50ul #49816-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

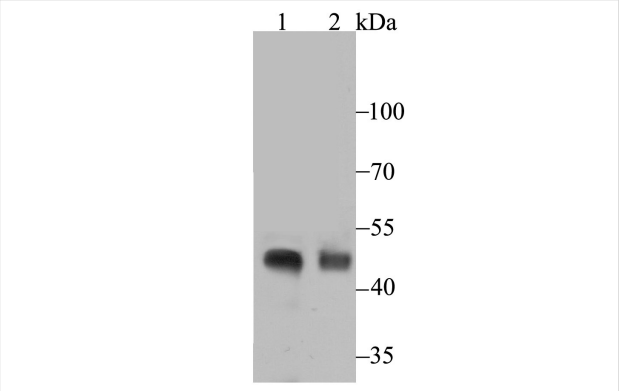
Description

Product Name	NPHS2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB51-33
Purification	ProA affinity purified
Applications	WB,IHC,FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	Nephrosis 2, idiopathic, steroid resistant (podocin) antibody nephrosis 2, idiopathic, steroid resistant antibody NPHS2 antibody NPHS2 gene antibody PDCN antibody PODO_HUMAN antibody Podocin antibody SRN1 antibody
Accession No.	Swiss-Prot#:Q9NP85
Uniprot	Q9NP85
GeneID	7827;
Calculated MW	42 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

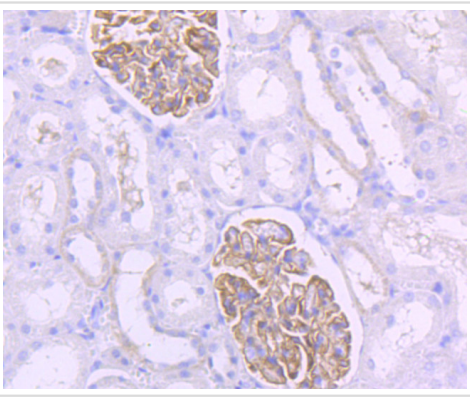
Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200FC: 1:50-1:100

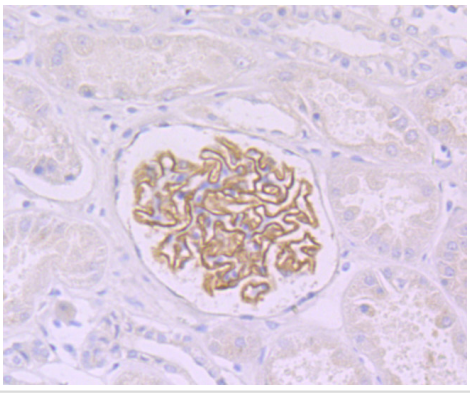
Images



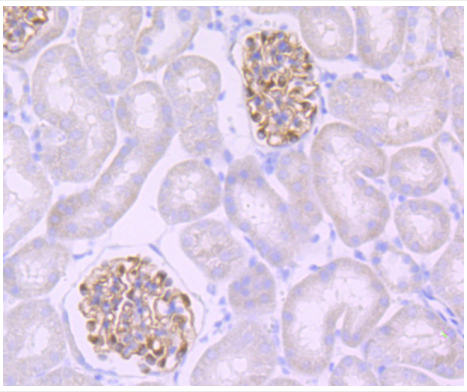
Western blot analysis of NPHS2 on rat kidney (1) and human kidney (2) tissue lysate using anti-NPHS2 antibody at 1/500 dilution.



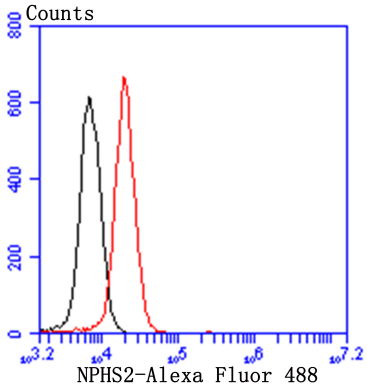
Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-NPHS2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-NPHS2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-NPHS2 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of 293T cells with NPHS2 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

Plays a role in the regulation of glomerular permeability, acting probably as a linker between the plasma membrane and the cytoskeleton. Almost exclusively expressed in the podocytes of fetal and mature kidney glomeruli.

References

Note: This product is for in vitro research use only