

Podocin Recombinant Rabbit Monoclonal Antibody (JB51-33)

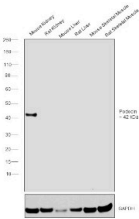
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	JB51-33
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human NPHS2 aa 334-383
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles, store in dark
RRID	AB_2848582

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Flow Cytometry (Flow)	1:50-1:100	-

Product Specific Information

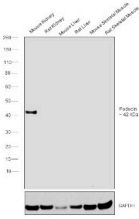
Positive Control: Rat kidney tissue, human kidney tissue, mouse kidney tissue, 293T.

Product Images For Podocin Recombinant Rabbit Monoclonal Antibody (JB51-33)



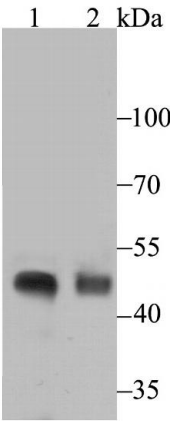
Podocin Antibody (MA5-34674)

Antibody specificity was demonstrated by detection of differential basal expression of the target across Mouse Kidney, Rat Kidney, Mouse Liver, Rat Liver, Mouse Skeletal Muscle, Rat Skeletal Muscle owing to their inherent genetic constitution. Relative expression of Nphs2 was observed in Mouse Kidney as compared to other tissues using Podocin Recombinant Rabbit Monoclonal Antibody (JB51-33) (Product # MA5-34674) in Western Blot. {RE}



Podocin Antibody (MA5-34674) in WB

Western blot was performed using Anti-Podocin Recombinant Rabbit Monoclonal Antibody (JB51-33) (Product # MA5-34674) and a ~42 kDa band corresponding to Nphs2 was observed only in mouse kidney tissue. Whole cell extracts (30 µg lysate) of Mouse Kidney (Lane 1), Rat Kidney (Lane 2), Mouse Liver (Lane 3), Rat Liver (Lane 4), Mouse Skeletal Muscle (Lane 5), Rat Skeletal Muscle (Lane 6) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036,1:20000) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



Podocin Antibody (MA5-34674) in WB

Western blot analysis of NPHS2 in rat kidney (1) and human kidney (2) tissue lysate. Samples were incubated with NPHS2 monoclonal antibody (Product # MA5-34674), at a dilution of 1:500.

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