

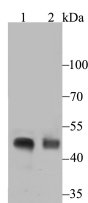
**bsm-54280R****[ Primary Antibody ]****BioSS**  
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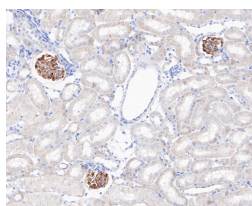
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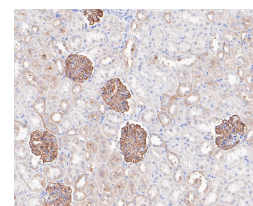
400-901-9800

**NPHS2 Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 7827**Target:** NPHS2**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** Podocin is an important member of a group of proteins shown to be associated with the slit diaphragm. Podocin belongs to the band 7 stomatin family of lipid raft-associated proteins. It is a hairpin like integral membrane protein with intracellular N and C termini. Podocin is located at the insertion site of the slit membrane, and is thought to act as a scaffold protein required to maintain or regulate the structural integrity of the slit diaphragm. It plays a role in the regulation of glomerular permeability, acting probably as a linker between the plasma membrane and the cytoskeleton.**Isotype:** IgG**CloneNo.:** 1A5**SWISS:** Q9NP85**Applications:** **WB** (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:400-800)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 42 kDa**Subcellular Location:** Cell membrane**— VALIDATION IMAGES —**

Sample: Lane 1: rat kidney tissue lysate Lane 2: human kidney tissue lysate Primary: Anti-NPHS2 (bsm-54280R) at 1:500 dilution Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution Predicted band size: 42 kD Observed band size: 42 kD



Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NPHS2) Monoclonal Antibody, Unconjugated (bsm-54280R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NPHS2) Monoclonal Antibody, Unconjugated (bsm-54280R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.