

For Research Use Only

Nephrin Monoclonal antibody, PBS Only

Catalog Number: 66970-1-PBS



Basic Information

Catalog Number: 66970-1-PBS	GenBank Accession Number: BC156935	Purification Method: Protein G purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4868	CloneNo.: 1D11H8
Source: Mouse	UNIPROT ID: O60500	
Isotype: IgG1	Full Name: nephrosis 1, congenital, Finnish type (nephrin)	
Immunogen Catalog Number: AG19273	Calculated MW: 1241 aa, 135 kDa	

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human

Background Information

Podocytes are a major component of the glomerular blood filtration barrier. Podocyte protein Nephrin, also known as NPHS1, is the first to be identified as a central component of the slit diaphragm (SD), which is podocyte cell-cell junction. Mutations in Nephrin lead to congenital nephrosis, such as steroid-resistant proteinuria and congenital nephrotic syndrome of the Finnish type (CNF).

Storage

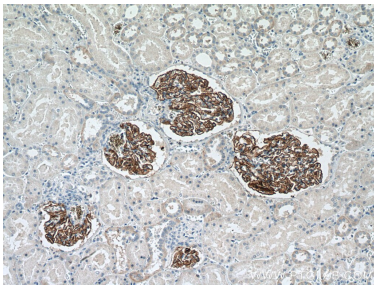
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

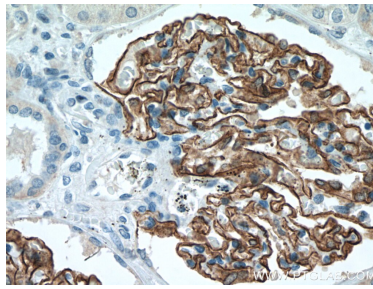
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66970-1-Ig (Nephrin antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66970-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66970-1-Ig (Nephrin antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66970-1-PBS in a different storage buffer formulation.