

For Research Use Only

# Nephrin Monoclonal antibody, PBS Only

Catalog Number: 66970-1-PBS



## Basic Information

Catalog Number:

66970-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG19273

GenBank Accession Number:

BC156935

GeneID (NCBI):

4868

UNIPROT ID:

O60500

Full Name:

nephrosis 1, congenital, Finnish type  
(nephrin)

Calculated MW:

1241 aa, 135 kDa

Purification Method:

Protein G purification

CloneNo.:

1D11H8

## 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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

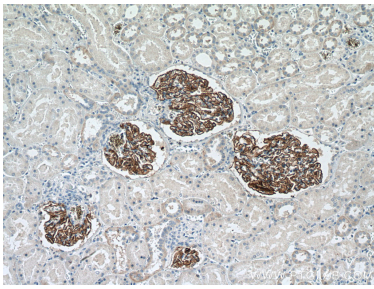
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

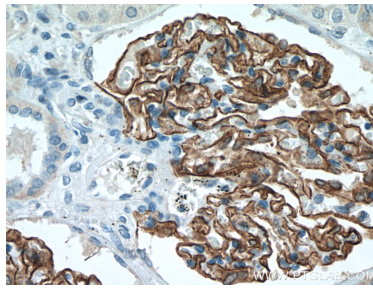
W: [ptgcn.com](http://ptgcn.com)

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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.