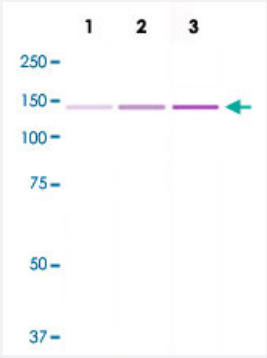
# NPHS1 monoclonal antibody, clone G17-H

Catalog # MAB15906 Size 50 uL

## Applications




### Western Blot (Recombinant protein)

Western Blot analysis of NPHS1 recombinant protein (Lane 1: 50 ng, Lane 2: 100 ng and Lane 3: 200 ng) with NPHS1 monoclonal antibody, clone G17-H (Cat # MAB15906).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human NPHS1. |
| **Immunogen** | A synthetic peptide corresponding to amino acids 53-101 at C-terminus of the first Ig-like domain of human NPHS1. |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | EVAC purification |
| **Isotype** | IgG |
| **Recommend Usage** | ELISA (1:20000-1:50000)<br>Immunoprecipitation<br>Western Blot (1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 20 mM Tris-HCl buffer, pH 8.0 (10 mg/mL BSA, 0.05% Sodium Azide). |

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|---|---|
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Immunoprecipitation
- Western Blot (Recombinant protein)

  Western Blot analysis of NPHS1 recombinant protein (Lane 1: 50 ng, Lane 2: 100 ng and Lane 3: 200 ng) with NPHS1 monoclonal antibody, clone G17-H (Cat # MAB15906).

## Gene Info — NPHS1

| | |
|---|---|
| **Entrez GeneID** | 4868 |
| **Protein Accession#** | O60500 |
| **Gene Name** | NPHS1 |
| **Gene Alias** | CNF, NPHN |
| **Gene Description** | nephrosis 1, congenital, Finnish type (nephrin) |
| **Omim ID** | 256300 602716 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Nephrin is a kidney glomerular filtration barrier protein that is an essential component of the interp odocyte-spanning slit diaphragm. Mutations in the nephrin gene are associated with congenital ne phrotic syndrome (NPHS1; MIM 256300).[supplied by OMIM |
| **Other Designations** | nephrin\|renal glomerulus-specific cell adhesion receptor |

## Disease

- Cardiovascular Diseases
- Chronic Disease

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- Diabetes
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Edema
- Genetic Predisposition to Disease
- Glomerulonephritis
- Hematuria
- Hyperparathyroidism
- Hypertension
- Kidney Diseases
- Kidney Failure
- Nephrosis
- Nephrotic Syndrome
- Proteinuria

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