

**MAA937Hu21**

**Monoclonal Antibody to Nephrin (NPHN)**

**Organism Species: *Homo sapiens* (Human)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2b Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C14

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100µL

**Cross Reactivity:** Mouse;Rat

**Applications:** WB

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant NPHN (Arg1160~Val1241) expressed in *E.coli*

**Accession No.:** RPA937Hu04

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Optimal working dilutions must be determined by end user.

**[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

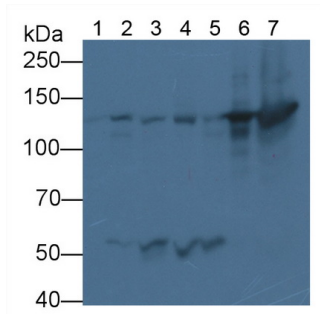
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

### **[ IDENTIFICATION ]**



Western Blot; Sample: Lane1: Human Serum; Lane2: Rat Kidney lysate; Lane3: Mouse Kidney lysate; Lane4: Porcine Kidney lysate; Lane5: Rat Liver lysate; Lane6: 293T cell lysate; Lane7: HepG2 cell lysate

Primary Ab: 2 $\mu$ g/ml Mouse Anti-Human NPHN Antibody

Second Ab: 0.2 $\mu$ g/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)

### **[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.