

NPHS2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03429-1**

Capture Antibody Information

Catalog Number:
88093-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260462B12
Reactivity:
human
GenBank:
NM_014625.4
Immunogen Catalog Number:
Eg9317

Conjugate:
Unconjugated
Full name:
nephrosis 2, idiopathic, steroid-resistant (podocin)
Gene ID:
7827

Detection Antibody Information

Catalog Number:
88093-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260462A5
Reactivity:
human
GenBank:
NM_014625.4
Immunogen Catalog Number:
Eg9317

Conjugate:
Unconjugated
Full name:
nephrosis 2, idiopathic, steroid-resistant (podocin)
Gene ID:
7827

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03429-1 targets NPHS2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PODO Recombinant monoclonal antibody, PBS Only (Capture) 88093-3-PBS (260462B12). 100 µg. Concentration 1 mg/mL.

Detection antibody: PODO Recombinant monoclonal antibody, PBS Only (Detector) 88093-2-PBS (260462A5). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

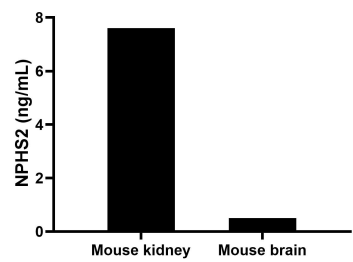
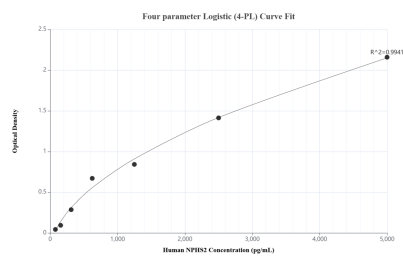
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

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

Selected Validation Data



Sandwich ELISA standard curve of MP03429-1, Human NPHS2 Recombinant Matched Antibody Pair - PBS only. 88093-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9317. 88093-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL

The mean NPHS2 concentration was determined to be 7.6 ng/mL in mouse kidney extract based on a 8.4 mg/mL extract load and 0.5 ng/mL in mouse brain extract based on a 6.3 mg/mL extract load.