

EPHX2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02802-1**

Capture Antibody Information

Catalog Number:
86790-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251753C11
Reactivity:
human
GenBank:
BC013874
Immunogen Catalog Number:
Ag1283

Conjugate:
Unconjugated
Full name:
epoxide hydrolase 2, cytoplasmic
Gene ID:
2053

Detection Antibody Information

Catalog Number:
86790-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251753F5
Reactivity:
human
GenBank:
BC013874
Immunogen Catalog Number:
Ag1283

Conjugate:
Unconjugated
Full name:
epoxide hydrolase 2, cytoplasmic
Gene ID:
2053

Applications

Tested Applications:
Sandwich ELISA

Range:
0.195–12.5 ng/mL (Sandwich ELISA)

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

Product Information

MP02802-1 targets EPHX2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: EPHX2 Recombinant monoclonal antibody, PBS Only (Capture) 86790-3-PBS (251753C11). 100 µg. Concentration 1 mg/mL.

Detection antibody: EPHX2 Recombinant monoclonal antibody, PBS Only (Detector) 86790-2-PBS (251753F5). 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.

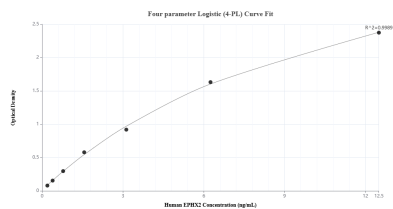
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

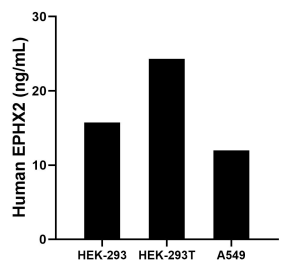
Storage

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 MP02802-1, Human EPHX2 Recombinant Matched Antibody Pair - PBS only. 86790-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1283. 86790-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



The mean EPHX2 concentration was determined to be 15.72 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 24.32 ng/mL in HEK-293T cell extract based on a 1.3 mg/mL extract load and 11.98 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load.