

Peroxiredoxin 2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02542-1**

Capture Antibody Information

Catalog Number:
86599-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251494A11
Reactivity:
human
GenBank:
BC003022
Immunogen Catalog Number:
Ag0835

Conjugate:
Unconjugated
Full name:
peroxiredoxin 2
Gene ID:
7001

Detection Antibody Information

Catalog Number:
86599-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251494D3
Reactivity:
human
GenBank:
BC003022
Immunogen Catalog Number:
Ag0835

Conjugate:
Unconjugated
Full name:
peroxiredoxin 2
Gene ID:
7001

Applications

Tested Applications:
Cytometric bead array

Range:
3.125-100 ng/mL (Cytometric Bead Array)

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

Product Information

MP02542-1 targets Peroxiredoxin 2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: PRDX2 Recombinant antibody, PBS Only (Capture) 86599-2-PBS (251494A11). 100 µg. Concentration 1 mg/mL.

Detection antibody: PRDX2 Recombinant antibody, PBS Only (Detector) 86599-1-PBS (251494D3). 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.

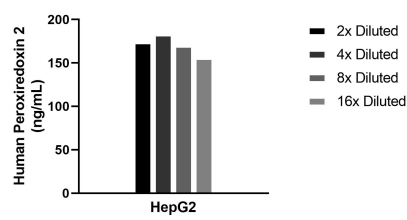
Storage

Storage:
Store at -80°C.

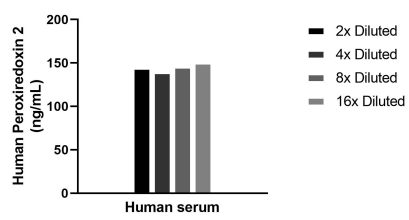
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

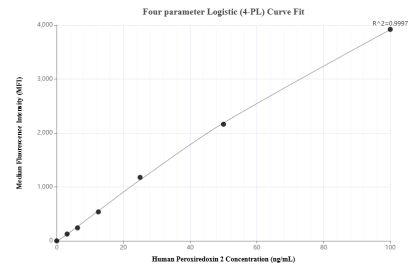
Selected Validation Data



The mean Peroxiredoxin 2 concentration was determined to be 170.3 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.



The mean Peroxiredoxin 2 concentration was determined to be 144.8 ng/mL in human serum.



Cytometric bead array standard curve of MP02542-1, Peroxiredoxin 2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86599-2-PBS. Detection antibody: 86599-1-PBS. Standard: Ag0835. Range: 3.125-100 ng/mL