

SOD1 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: MP50052-2

Capture Antibody Information

Catalog Number:
67480-4-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G purification

Clone ID:
5C1H1

Reactivity:
human

GenBank:
BC001034

Immunogen Catalog Number:
Ag28553

Conjugate:
Unconjugated

Full name:
superoxide dismutase 1, soluble

Gene ID:
6647

Detection Antibody Information

Catalog Number:
67480-3-PBS

Host:
Mouse

Isotype:
IgG2b

Purification Method:
Protein A purification

Clone ID:
5B1G3

Reactivity:
human

GenBank:
BC001034

Immunogen Catalog Number:
Ag28553

Conjugate:
Unconjugated

Full name:
superoxide dismutase 1, soluble

Gene ID:
6647

Affinity:
 $K_D = 1.81 \times 10^{-10}$
 $K_{off} = 3.56 \times 10^{-6}$
 $K_{on} = 1.97 \times 10^4$

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.391-100 ng/mL (Cytometric Bead Array)
0.156-10 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

MP50052-2 targets SOD1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: SOD1 Monoclonal antibody, PBS Only (Capture) 67480-4-PBS (5C1H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: SOD1 Monoclonal antibody, PBS Only (Detector) 67480-3-PBS (5B1G3). 100 µg. Concentration 1 mg/mL.

Alternative SOD1 matched antibody pairs: MP00799-1, MP00799-2, MP00799-3, MP50052-1

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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.

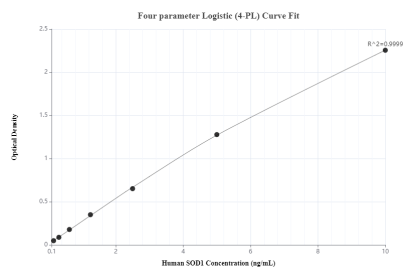
Storage

Storage:
Store at -80°C.

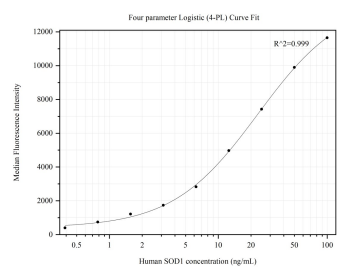
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP50052-2, SOD1 Monoclonal Matched Antibody Pair - PBS only. 67480-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28553. 67480-3-PBS was biotinylated as the detection antibody. Range: 0.156-10 ng/mL



Cytometric bead array standard curve of MP50052-2, SOD1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67480-4-PBS. Detection antibody: 67480-3-PBS. Standard: Ag28553. Range: 0.391-100 ng/mL