

# SOD2 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50535-1

## Capture Antibody Information

**Catalog Number:**  
66474-2-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
2B3B7

**Reactivity:**  
human

**GenBank:**  
BC016934

**Immunogen Catalog Number:**  
Ag21388

**Conjugate:**  
Unconjugated

**Full name:**  
superoxide dismutase 2, mitochondrial

**Gene ID:**  
6648

## Detection Antibody Information

**Catalog Number:**  
66474-3-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
3D5B2

**Reactivity:**  
human

**GenBank:**  
BC016934

**Immunogen Catalog Number:**  
Ag21388

**Conjugate:**  
Unconjugated

**Full name:**  
superoxide dismutase 2, mitochondrial

**Gene ID:**  
6648

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.781-100 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

MP50535-1 targets SOD2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: SOD2 Monoclonal antibody, PBS Only (Capture) 66474-2-PBS (2B3B7). 100 µg. Concentration 1 mg/mL.

Detection antibody: SOD2 Monoclonal antibody, PBS Only (Detector) 66474-3-PBS (3D5B2). 100 µg. Concentration 1 mg/mL.

Alternative SOD2 matched antibody pairs: MP00517-1, MP50535-2

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.

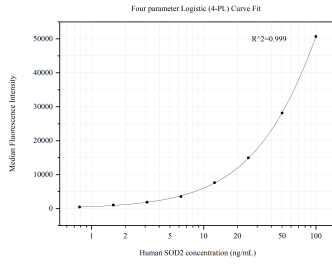
Antibody use should be optimized for each application and assay.

## 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



Cytometric bead array standard curve of MP50535-1, SOD2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66474-2-PBS. Detection antibody: 66474-3-PBS. Standard: Ag21388. Range: 0.781-100 ng/mL.