

# 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  
**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.  
**Storage buffer:**  
PBS only

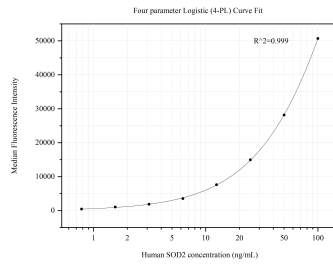
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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.