## For Research Use Only

## SOD2 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number: MP50535-1

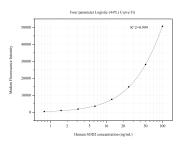
| Capture Antibody<br>Information   | Catalog Number:<br>66474-2-PBS   | Clone ID:<br>2B3B7   | Conjugate:<br>Unconjugated   |
|-----------------------------------|--|--|--|
|                                   | Host:<br>Mouse   | Reactivity:Full name:humansuperoxide dismutase 2,GenBank:mitochondrialBC016934Gene ID: | superoxide dismutase 2,  |
|                                   | lsotype:<br>lgG1   |  |  |
|                                   | Purification Method:<br>Protein G Magarose purification  | Immunogen Catalog Number:<br>Ag21388   |  |
| Detection Antibody<br>Information | Catalog Number:<br>66474-3-PBS   | Clone ID:<br>3D5B2   | Conjugate:<br>Unconjugated   |
|                                   | Host:<br>Mouse   | Reactivity:<br>human   | Full name:<br>superoxide dismutase 2,<br>mitochondrial<br>Gene ID:<br>6648   |
|                                   | lsotype:<br>lgG1   | GenBank:<br>BC016934   |  |
|                                   | Purification Method:<br>Protein G Magarose purification  | Immunogen Catalog Number:<br>Ag21388   |  |
| Applications                      | Tested Applications:<br>Cytometric bead array  | <mark>Range:</mark><br>0.781-100 ng/mL (Cytometric Bead<br>Array)                      | Recommended Dilutions:<br>It is recommended that this reagent<br>should be titrated in each testing<br>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 $\mu$ g. Concentration 1 mgl/ml.     |  |  |
|                                   | Detection antibody: SOD2 Monoclonal antibody, PBS Only (Detector) 66474-3-PBS (3D5B2). 100 $\mu$ g. Concentration 1 mgl/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<br>pairs.     |  |  |
|                                   | Antibody use should be optimized for each application and assay.   |  |  |
| Storage                           | Storage:<br>Store at -80°C.<br>The product is shipped with ice pace<br>Storage buffer:<br>PBS only                           | ks. Upon receipt, store it immediately a   | t -80°C  |

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

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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