

For Research Use Only

# SOD1 Monoclonal antibody, PBS Only (Detector)



Catalog Number: 67480-3-PBS

## Basic Information

<b>Catalog Number:</b> 67480-3-PBS	<b>GenBank Accession Number:</b> BC001034	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg/ml	<b>GeneID (NCBI):</b> 6647	<b>CloneNo.:</b> 5B1G3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P00441	<b>Affinity:</b> $K_D=1.81 \times 10^{-10}$
<b>Isotype:</b> IgG2b	<b>Full Name:</b> superoxide dismutase 1, soluble	$K_{off}=3.56 \times 10^{-6}$
<b>Immunogen Catalog Number:</b> AG28553	<b>Calculated MW:</b> 16 kDa	$K_{on}=1.97 \times 10^4$

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
Human

## Background Information

### Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

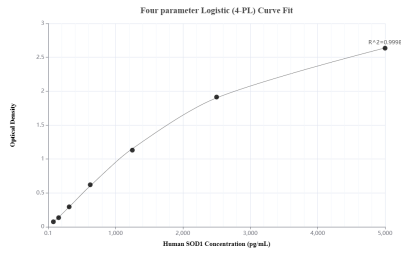
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

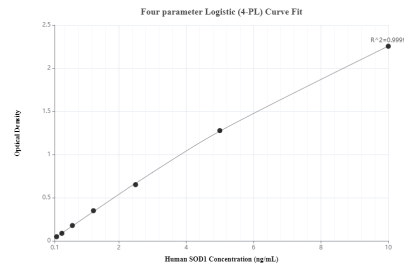
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP50052-1, SOD1 Monoclonal Matched Antibody Pair - PBS only. 67480-2-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: 78.1-5000 pg/mL



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