

For Research Use Only

SOD2 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66474-4-PBS



Basic Information

Catalog Number: 66474-4-PBS	GenBank Accession Number: BC016934	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6648	CloneNo.: 1G6D8
Source: Mouse	UNIPROT ID: P04179	
Isotype: IgG1	Full Name: superoxide dismutase 2, mitochondrial	
Immunogen Catalog Number: AG21388	Calculated MW: 25 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

66474-4-PBS targets SOD2 as part of a matched antibody pair:

MP50535-2: 66474-2-PBS capture and 66474-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

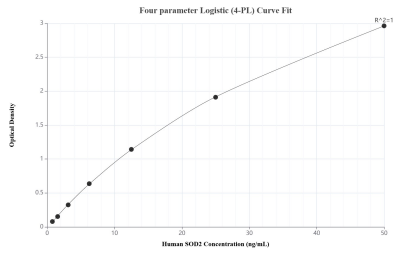
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

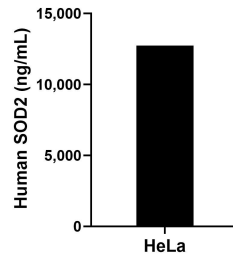
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

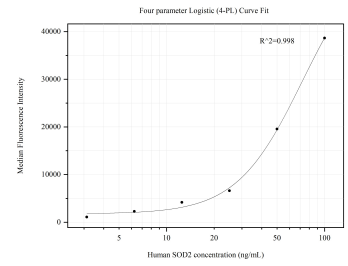
Selected Validation Data



Sandwich ELISA standard curve of MP50535-2, Human SOD2 Monoclonal Matched Antibody Pair - PBS only. 66474-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag21388. 66474-4-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean SOD2 concentration was determined to be 12,745.00 ng/mL in HeLa cell extract based on a 1.80 mg/mL extract load.



Cytometric bead array standard curve of MP50535-2, SOD2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66474-2-PBS. Detection antibody: 66474-4-PBS. Standard: Ag21388. Range: 3.125-100 ng/mL