

For Research Use Only

LONP1 Recombinant antibody, PBS Only (Capture/Detector)



Catalog Number: 83552-1-PBS

Basic Information

Catalog Number: 83552-1-PBS	GenBank Accession Number: BC000235	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9361	CloneNo.: 240460E1
Source: Rabbit	UNIPROT ID: P36776	
Isotype: IgG	Full Name: lon peptidase 1, mitochondrial	
Immunogen Catalog Number: AG7196	Calculated MW: 106 kDa	

Applications

Tested Applications:
Indirect ELISA, Cytometric bead array

Species Specificity:
Human

Product Information

83552-1-PBS targets LONP1 as part of a matched antibody pair:

MP00531-1: 83552-2-PBS capture and 83552-1-PBS detection (validated in Cytometric bead array)

MP00531-2: 83552-1-PBS capture and 83552-4-PBS detection (validated in Cytometric bead array)

MP00531-3: 83552-3-PBS capture and 83552-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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

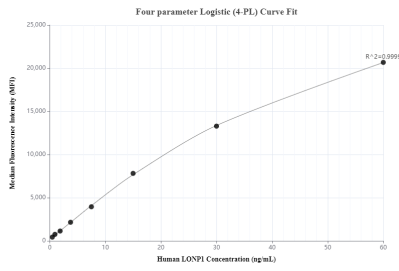
For technical support and original validation data for this product please contact:

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

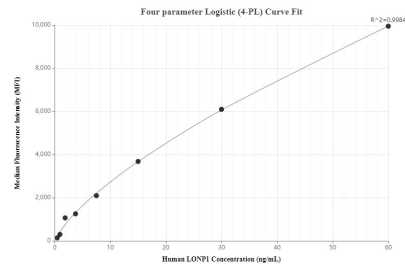
E: proteintech@ptglab.com
W: ptglab.com

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

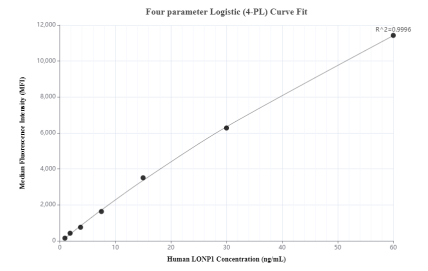
Selected Validation Data



Cytometric bead array standard curve of MP00531-1, LONP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83552-2-PBS. Detection antibody: 83552-1-PBS. Standard: Ag7196. Range: 0.469-60 ng/mL



Cytometric bead array standard curve of MP00531-2, LONP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83552-2-PBS. Detection antibody: 83552-1-PBS. Standard: Ag7196. Range: 0.469-60 ng/mL



Cytometric bead array standard curve of MP00531-3, LONP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83552-3-PBS. Detection antibody: 83552-1-PBS. Standard: Ag7196. Range: 0.938-60 ng/mL