

For Research Use Only

# SMPD2 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83520-4-PBS

## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>83520-4-PBS                      | <b>GenBank Accession Number:</b><br>BC000038  | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>6610   | <b>CloneNo.:</b><br>240400G7                          |
| <b>Source:</b><br>Rabbit                                   | <b>UNIPROT ID:</b><br>O60906  |   |
| <b>Isotype:</b><br>IgG                                     | <b>Full Name:</b><br>sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelinase) |   |
| <b>Immunogen Catalog Number:</b><br>AG7367                 | <b>Calculated MW:</b><br>48 kDa   |   |

## Applications

**Tested Applications:**  
Indirect ELISA, Cytometric bead array

**Species Specificity:**  
Human

## Product Information

83520-4-PBS targets SMPD2 as part of a matched antibody pair:

MP00518-2: 83520-2-PBS capture and 83520-4-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

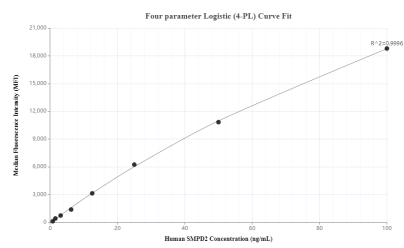
**Storage:**  
Store at -80°C.

**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](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 MP00518-2, SMPD2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83520-2-PBS. Detection antibody: 83520-4-PBS. Standard: Ag7367. Range: 0.78-100 ng/mL.