

For Research Use Only

# NPT1 Recombinant antibody, PBS Only (Capture/Detector)



Catalog Number: 83913-2-PBS

## Basic Information

<b>Catalog Number:</b> 83913-2-PBS	<b>GenBank Accession Number:</b> BC101745	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6568	<b>CloneNo.:</b> 241010D3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14916	
<b>Isotype:</b> IgG	<b>Full Name:</b> solute carrier family 17 (sodium phosphate), member 1	
<b>Immunogen Catalog Number:</b> AG12819	<b>Calculated MW:</b> 467 aa, 51 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

83913-2-PBS targets NPT1 as part of a matched antibody pair:

MP00846-2: 83913-2-PBS capture and 83913-4-PBS detection (validated in Cytometric bead array)

MP00846-3: 83913-3-PBS capture and 83913-2-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

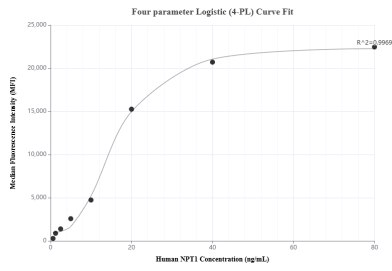
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

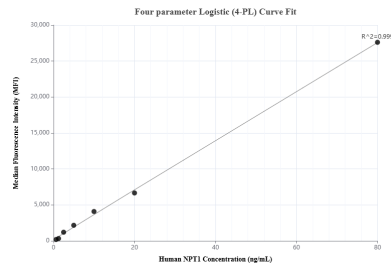
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

**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 MP00846-2, NPT1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83913-2-PBS. Detection antibody: 83913-4-PBS. Standard: Ag12819. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP00846-3, NPT1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83913-3-PBS. Detection antibody: 83913-2-PBS. Standard: Ag12819. Range: 0.625-80 ng/mL