

For Research Use Only

NPC1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 86233-4-PBS



Basic Information

Catalog Number: 86233-4-PBS	GenBank Accession Number: BC063302	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4864	CloneNo.: 250854C3
Source: Rabbit	UNIPROT ID: O15118	
Isotype: IgG	Full Name: Niemann-Pick disease, type C1	
Immunogen Catalog Number: AG4946	Calculated MW: 142 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86233-4-PBS targets NPC1 as part of a matched antibody pair:

MP02312-2: 86233-4-PBS capture and 86233-3-PBS detection (validated in Sandwich ELISA)

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.

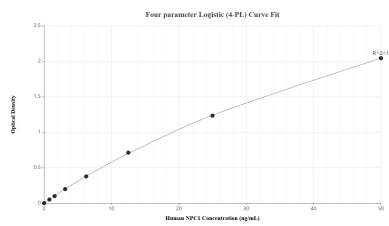
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

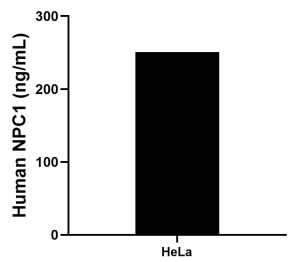
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Sandwich ELISA standard curve of MP02312-2, Human NPC1 Recombinant Matched Antibody Pair - PBS only. 86233-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4946. 86233-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



The mean NPC1 concentration was determined to be 250.84 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load.