

For Research Use Only

ND5 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84441-1-PBS



Basic Information

Catalog Number: 84441-1-PBS	GenBank Accession Number: YP_003024036	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4540	CloneNo.: 241164B12
Source: Rabbit	UNIPROT ID: P03915	
Isotype: IgG	Full Name: NADH dehydrogenase, subunit 5 (complex I)	
Immunogen Catalog Number: AG34495	Calculated MW: 67 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84441-1-PBS targets ND5 as part of a matched antibody pair:

MP01274-1: 84441-2-PBS capture and 84441-1-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.

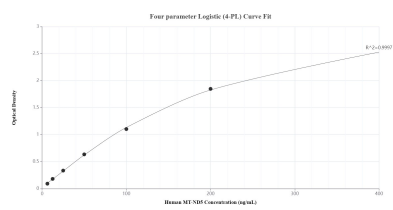
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

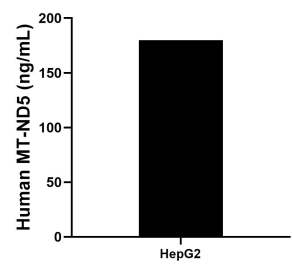
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 MP01274-1, Human MT-ND5 Recombinant Matched Antibody Pair - PBS only. 84441-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag34495. 84441-1-PBS was HRP conjugated as the detection antibody. Range: 6.25-400 ng/mL.



The mean MT-ND5 concentration was determined to be 179.79 ng/mL in HepG2 cell extract based on a 5.00 mg/mL extract load.