

For Research Use Only

# NDUFS5 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88827-3-PBS



## Basic Information

|                                                            |                                                                                                        |                                                       |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>88827-3-PBS                      | <b>GenBank Accession Number:</b><br>BC001884                                                           | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>4725                                                                          | <b>CloneNo.:</b><br>261679H2                          |
| <b>Source:</b><br>Rabbit                                   | <b>UNIPROT ID:</b><br>O43920                                                                           |                                                       |
| <b>Isotype:</b><br>IgG                                     | <b>Full Name:</b><br>NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q reductase) |                                                       |
| <b>Immunogen Catalog Number:</b><br>AG7441                 | <b>Calculated MW:</b><br>13 kDa                                                                        |                                                       |

## Applications

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

**Species Specificity:**  
human

## Product Information

88827-3-PBS targets NDUFS5 as part of a matched antibody pair:

MP03692-1: 88827-3-PBS capture and 88827-2-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

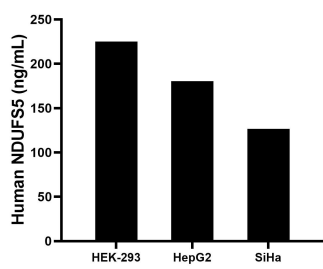
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

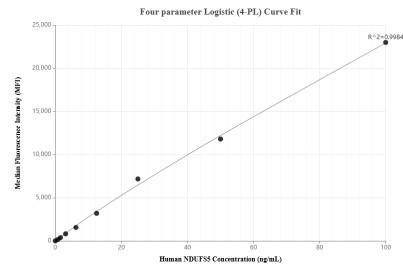
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



The mean NDUFS5 concentration was determined to be 225 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 180.3 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 126.5 ng/mL in SiHa cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03692-1, NDUFS5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88827-3-PBS. Detection antibody: 88827-2-PBS. Standard: Ag7441. Range: 0.781-100 ng/mL.