

For Research Use Only

COX5A Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86938-3-PBS



Basic Information

Catalog Number: 86938-3-PBS	GenBank Accession Number: BC024240	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9377	CloneNo.: 251697A7
Source: Rabbit	UNIPROT ID: P20674	
Isotype: IgG	Full Name: cytochrome c oxidase subunit Va	
Immunogen Catalog Number: AG2005	Calculated MW: 150 aa, 17 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

86938-3-PBS targets COX5A as part of a matched antibody pair:

MP02785-1: 86938-3-PBS capture and 86938-2-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.

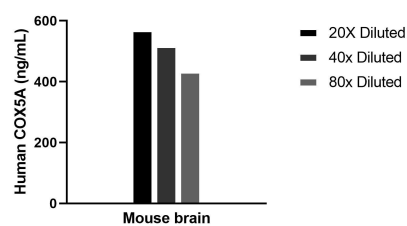
Storage

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

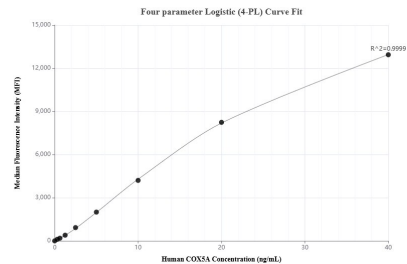
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

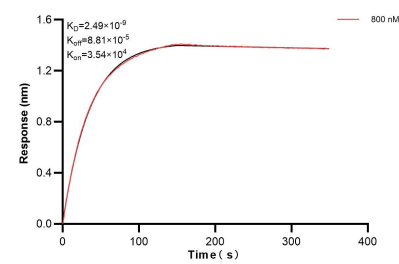
Selected Validation Data



The mean COX5A concentration was determined to be 505.7 ng/mL in mouse brain tissue extract based on a 6.3 mg/mL extract load.



Cytometric bead array standard curve of MP02785-1, COX5A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86938-3-PBS. Detection antibody: 86938-2-PBS. Standard: Ag2005. Range: 0.312-40 ng/mL.



Biolayer Interferometry (BLI) kinetic assay of 86938-3-PBS against Human COX5A were performed. The affinity constant is 2.49 nM.