

For Research Use Only

CPOX Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87270-5-PBS



Basic Information

Catalog Number: 87270-5-PBS	GenBank Accession Number: BC023551	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1371	CloneNo.: 252491G3
Source: Rabbit	UNIPROT ID: P36551	
Isotype: IgG	Full Name: coproporphyrinogen oxidase	
Immunogen Catalog Number: AG2858	Calculated MW: 454 aa, 50 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87270-5-PBS targets CPOX as part of a matched antibody pair:

MP02933-2: 87270-6-PBS capture and 87270-5-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

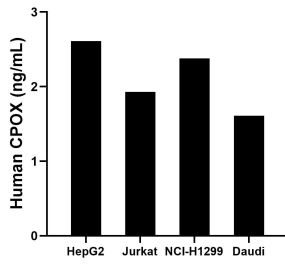
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

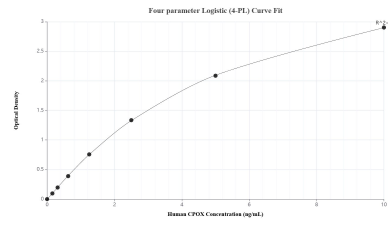
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean CPOX concentration was determined to be 2.61 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 1.93 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 2.38 ng/mL in NCI-H1299 cell extract based on a 2.70 mg/mL extract load and 1.61 ng/mL in Daudi cell extract based on a 1.10 mg/mL extract load.



Sandwich ELISA standard curve of MP02933-2, Human CPOX Recombinant Matched Antibody Pair - PBS only. 87270-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2858. 87270-5-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.