

For Research Use Only

CPOX Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02933-2

Capture Antibody Information

Catalog Number:
87270-6-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252491F1

Reactivity:
human

Immunogen Catalog Number:
Ag2858

Conjugate:
Unconjugated

Full name:
coproporphyrinogen oxidase

Gene ID:
1371

Detection Antibody Information

Catalog Number:
87270-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252491G3

Reactivity:
human

GenBank:
BC023551

Immunogen Catalog Number:
Ag2858

Conjugate:
Unconjugated

Full name:
coproporphyrinogen oxidase

Gene ID:
1371

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02933-2 targets CPOX in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CPOX Recombinant monoclonal antibody, PBS Only (Capture) 87270-6-PBS (252491F1). 100 µg. Concentration 1 mg/mL.

Detection antibody: CPOX Recombinant monoclonal antibody, PBS Only (Detector) 87270-5-PBS (252491G3). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

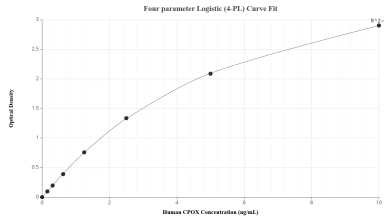
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

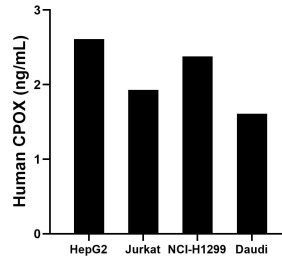
E: proteintech@ptglab.com
W: ptglab.com

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 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.



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.