

For Research Use Only

Cryptochrome 1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00603-3

Capture Antibody Information

Catalog Number:
83602-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240520B4

Reactivity:
human

Immunogen Catalog Number:
Ag4270

Conjugate:
Unconjugated

Full name:
cryptochrome 1 (photolyase-like)

Gene ID:
1407

Detection Antibody Information

Catalog Number:
83602-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240520A12

Reactivity:
human

GenBank:
BC030519

Immunogen Catalog Number:
Ag4270

Conjugate:
Unconjugated

Full name:
cryptochrome 1 (photolyase-like)

Gene ID:
1407

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 ng/mL (Cytometric Bead Array)
3.13-200 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

MP00603-3 targets Cryptochrome 1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Cryptochrome 1 Recombinant antibody, PBS Only (Capture/Detector) 83602-3-PBS (240520B4). 100 µg. Concentration 1 mg/ml.

Detection antibody: Cryptochrome 1 Recombinant antibody, PBS Only (Detector) 83602-1-PBS (240520A12). 100 µg. Concentration 1 mg/ml.

Alternative Cryptochrome 1 matched antibody pairs: MP00603-1, MP00603-2

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

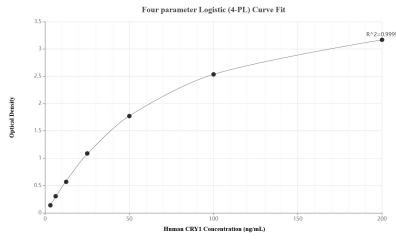
For technical support and original validation data for this product please contact:

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

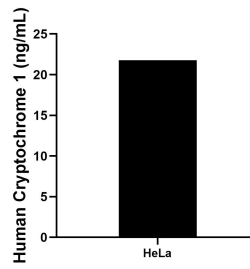
E: proteintech@ptglab.com
W: ptglab.com

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

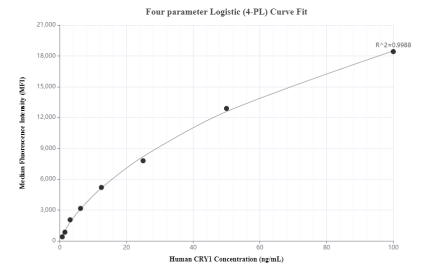
Selected Validation Data



Sandwich ELISA standard curve of MP00603-3, Human Cryptochrome 1 Recombinant Matched Antibody Pair - PBS only. 83602-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4270. 83602-1-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL



The mean Cryptochrome 1 concentration was determined to be 21.76 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load.



Cytometric bead array standard curve of MP00603-3, CRV1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83602-3-PBS. Detection antibody: 83602-1-PBS. Standard: Ag4270. Range: 0.781-100 ng/mL