

FXN Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50628-1**

Capture Antibody Information

Catalog Number:
68925-2-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G Magarose purification

Clone ID:
2D4C4

Reactivity:
human

Immunogen Catalog Number:
Ag6632

Conjugate:
Unconjugated

Full name:
frataxin

Gene ID:
2395

Detection Antibody Information

Catalog Number:
68925-3-PBS

Host:
Mouse

Isotype:
Ig2b

Purification Method:
Protein A Magarose purification

Clone ID:
4B5D3

Reactivity:
human

GenBank:
BC048097

Immunogen Catalog Number:
Ag6632

Conjugate:
Unconjugated

Full name:
frataxin

Gene ID:
2395

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.098-100 ng/mL (Cytometric Bead Array)
0.313-20 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

MP50628-1 targets FXN in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: FXN Monoclonal antibody, PBS Only (Capture) 68925-2-PBS (2D4C4). 100 µg. Concentration 1 mg/mL.

Detection antibody: FXN Monoclonal antibody, PBS Only (Detector) 68925-3-PBS (4B5D3). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

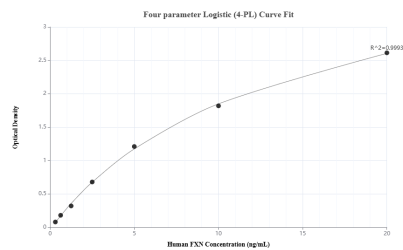
For technical support and original validation data for this product please contact:

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

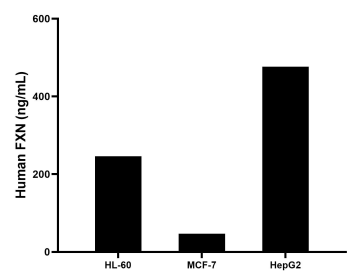
E: proteintech@ptglab.com
W: ptglab.com

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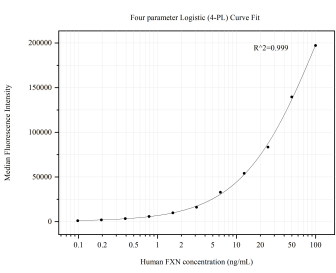
Selected Validation Data



Sandwich ELISA standard curve of MP50628-1, Human FXN Monoclonal Matched Antibody Pair - PBS only. 68925-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6632. 68925-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean FXN concentration was determined to be 246.06 ng/mL in HL-60 cell extract based on a 1.4 mg/mL extract load, 46.90 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load and 476.28 ng/mL in HepG2 cell extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP50628-1, FXN Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68925-2-PBS. Detection antibody: 68925-3-PBS. Standard: Ag6632. Range: 0.098-100 ng/mL