

For Research Use Only

FXN Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68925-2-PBS



Basic Information

Catalog Number: 68925-2-PBS	GenBank Accession Number: BC048097	Purification Method: Protein G Magarose purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2395	CloneNo.: 2D4C4
Source: Mouse	UNIPROT ID: Q16595	
Isotype: IgG1	Full Name: frataxin	
Immunogen Catalog Number: AG6632	Calculated MW: 23 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

68925-2-PBS targets FXN as part of a matched antibody pair:

MP50628-1: 68925-2-PBS capture and 68925-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

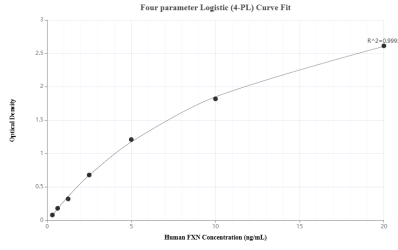
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

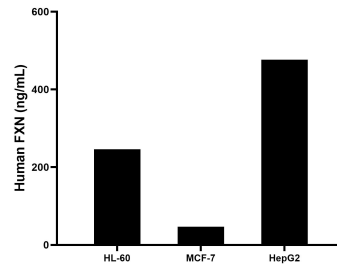
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

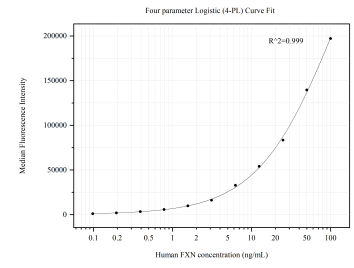
Selected Validation Data



Sandwich ELISA standard curve of 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