

For Research Use Only

FTL Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 81166-5-PBS



Basic Information

Catalog Number: 81166-5-PBS	GenBank Accession Number: BC008439	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2512	CloneNo.: 251048G8
Source: Rabbit	UNIPROT ID: P02792	
Isotype: IgG	Full Name: ferritin, light polypeptide	
Immunogen Catalog Number: AG20637	Calculated MW: 19 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

81166-5-PBS targets FTL as part of a matched antibody pair:

MP02505-1: 81166-5-PBS capture and 81166-4-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.

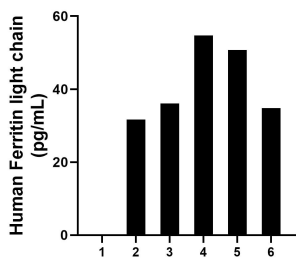
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

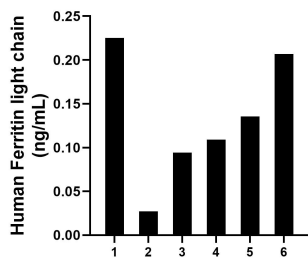
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

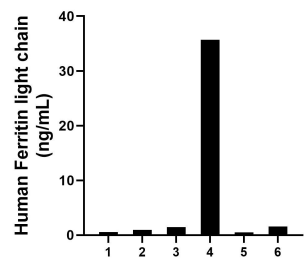
Selected Validation Data



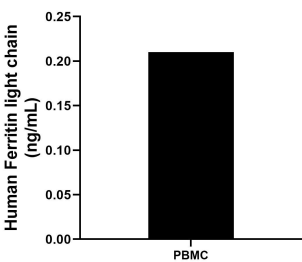
Urine of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 34.7 pg/mL with a range of ND-54.7 pg/mL



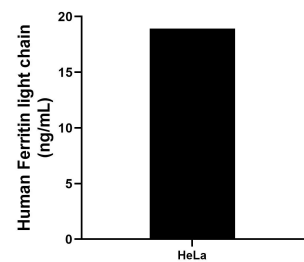
Saliva of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 0.13 ng/mL with a range of 0.03-0.21 ng/mL



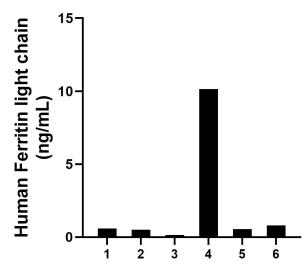
Plasma of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 6.80 ng/mL with a range of 0.51-35.68 ng/mL



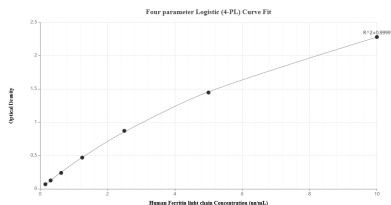
Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated for 3 days. The mean Ferritin Light Chain concentration was determined to be 0.21 ng/mL in cell culture supernatant.



The mean Ferritin Light Chain concentration was determined to be 18.93 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.



Human milk of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 2.12 ng/mL with a range of 0.15-10.14 ng/mL



Sandwich ELISA standard curve of MP02505-1, Human Ferritin Light Chain Recombinant Matched Antibody Pair - PBS only. 81166-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20637. 81166-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL