

For Research Use Only

Ferritin Light Chain Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02505-1

Capture Antibody Information

Catalog Number:

81166-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251048G8

Reactivity:

human

Immunogen Catalog Number:

Ag20637

Conjugate:

Unconjugated

Full name:

ferritin, light polypeptide

Gene ID:

2512

Detection Antibody Information

Catalog Number:

81166-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251048H8

Reactivity:

human

GenBank:

BC008439

Immunogen Catalog Number:

Ag20637

Conjugate:

Unconjugated

Full name:

ferritin, light polypeptide

Gene ID:

2512

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

MP02505-1 targets Ferritin Light Chain in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FTL Recombinant monoclonal antibody, PBS Only (Capture) 81166-5-PBS (251048G8). 100 µg. Concentration 1 mg/mL.

Detection antibody: FTL Recombinant monoclonal antibody, PBS Only (Detector) 81166-4-PBS (251048H8). 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

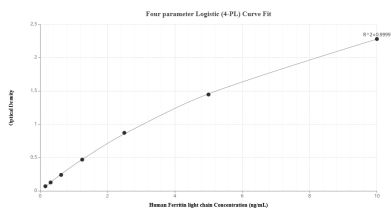
For technical support and original validation data for this product please contact:

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

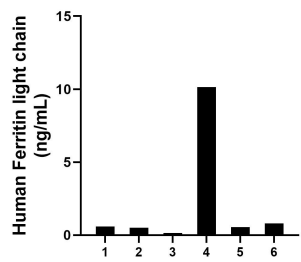
E: proteintech@ptglab.com
W: ptglab.com

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

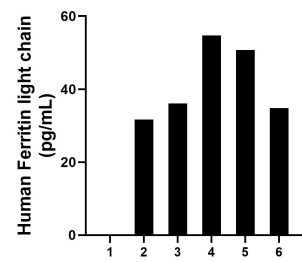
Selected Validation Data



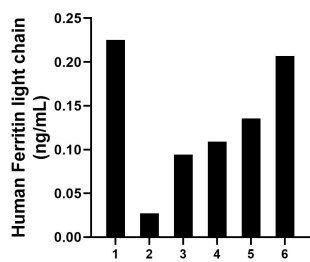
Sandwich ELISA standard curve of MP02505-1, Human Ferritin Light Chain Recombinant Matched Antibody Pair - PBS only. 81166-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20637. 81166-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10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



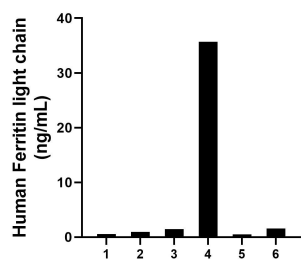
Human milk of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 2.12 ng/mL with a range of 0.15-10.14 ng/mL



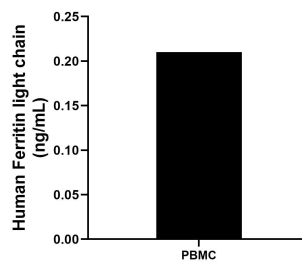
Urine of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 34.7 pg/mL with a range of ND-54.7 pg/mL



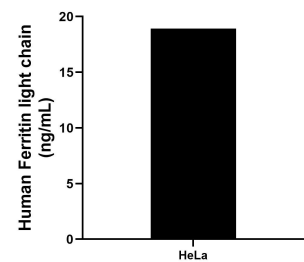
Saliva of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 0.13 ng/mL with a range of 0.03-0.21 ng/mL



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.