

For Research Use Only

FTL Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 81166-4-PBS



Basic Information

Catalog Number:

81166-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20637

GenBank Accession Number:

BC008439

GeneID (NCBI):

2512

UNIPROT ID:

P02792

Full Name:

ferritin, light polypeptide

Calculated MW:

19 kDa

Purification Method:

Protein A purification

CloneNo.:

251048H8

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

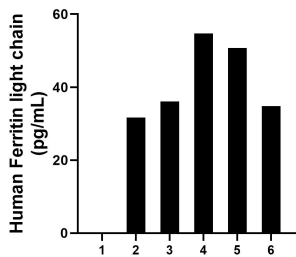
T: 4006900926

E: Proteintech-CN@ptglab.com

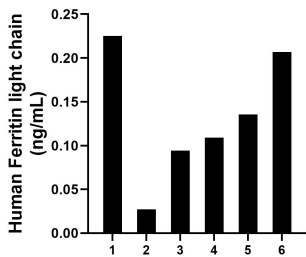
W: ptgcn.com

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

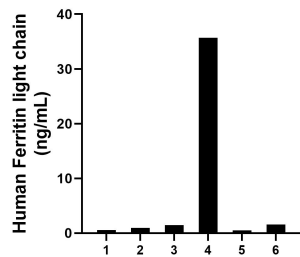
Selected Validation Data



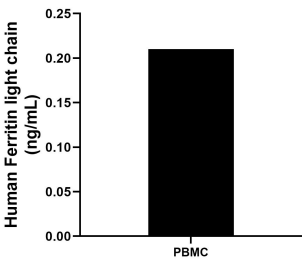
Urine of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 34.7 pg/mL with a range of ND-54.7 pg/mL



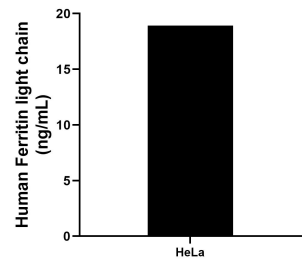
Saliva of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 0.13 ng/mL with a range of 0.03-0.21 ng/mL



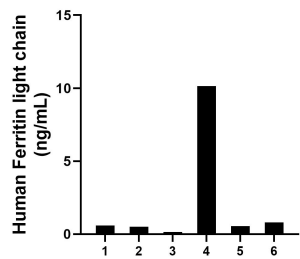
Plasma of six individual healthy human donors was measured. The human Ferritin Light Chain concentration of detected samples was determined to be 6.80 ng/mL with a range of 0.51-35.68 ng/mL



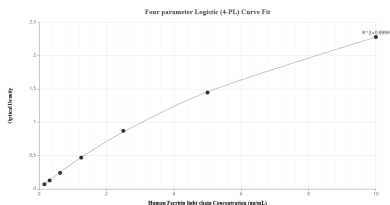
Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated for 3 days. The mean Ferritin Light Chain concentration was determined to be 0.21 ng/mL in cell culture supernatant.



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