

Rat Ferritin light chain 1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01511-3**

Capture Antibody Information

Catalog Number:
84731-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242299G11
Reactivity:
rat
GenBank:
NM_022500.4

Conjugate:
Unconjugated
Full name:
ferritin, light polypeptide
Gene ID:
29292

Detection Antibody Information

Catalog Number:
84731-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242299G6
Reactivity:
rat
GenBank:
NM_022500.4

Conjugate:
Unconjugated
Full name:
ferritin, light polypeptide
Gene ID:
29292

Applications

Tested Applications:
Sandwich ELISA

Range:
0.625-20 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

MP01511-3 targets Ferritin light chain 1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.
Capture antibody: Rat Ferritin light chain 1 Recombinant antibody, PBS Only (Capture) 84731-5-PBS (242299G11).
100 µg. Concentration 1 mg/mL.

Detection antibody: Rat Ferritin light chain 1 Recombinant antibody, PBS Only (Detector) 84731-6-PBS (242299G6).
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.

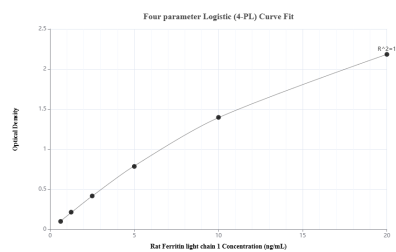
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

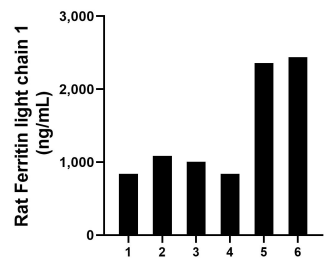
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

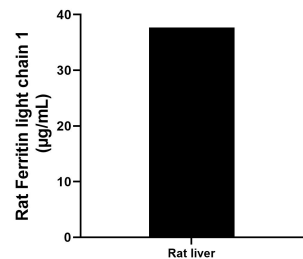
Selected Validation Data



Sandwich ELISA standard curve of MP01511-3, Rat Ferritin light chain 1 Recombinant Matched Antibody Pair - PBS only. 84731-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2434. 84731-6-PBS was HRP conjugated as the detection antibody. Range: 0.625-20 ng/mL



Serum of six rats was measured. The rat Ferritin light chain 1 concentration of detected samples was determined to be 1,427.81 ng/mL with a range of 838.87 - 2,438.35 ng/mL



The mean Ferritin light chain 1 concentration was determined to be 37.75 µg/mL in rat liver tissue extract based on a 2.6 mg/mL extract load.