For Research Use Only

Mouse IGFBP4 Recombinant Matched Antibody Pair, PBS Only

proteintech®
Antibodies | ELISA kits | Proteins
www.ptgcn.com

Catalog Number:MP03501-2

Capture Antibody Information

Catalog Number:
88373-4-PBS

Clone ID:
260983A12

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
insulin-like growth factor binding protein 4

Isotype:
IgG

GenBank:
NM_010517.4

Gene ID:
16010

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg10275

Detection Antibody Information

Catalog Number:
88373-2-PBS

Clone ID:
260983D11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
insulin-like growth factor binding protein 4

Isotype:
IgG

GenBank:
NM_010517.4

Gene ID:
16010

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg10275

Applications

Tested Applications:
Sandwich ELISA

Range:
0.195-12.5 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

MP03501-2 targets IGFBP4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Igfbp4 Recombinant monoclonal antibody, PBS Only (Capture) 88373-4-PBS (260983A12). 100 μg. Concentration 1 mg/ml.

Detection antibody: Mouse Igfbp4 Recombinant monoclonal antibody, PBS Only (Detector) 88373-2-PBS (260983D11). 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.

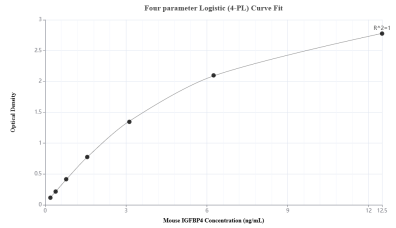
Storage

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

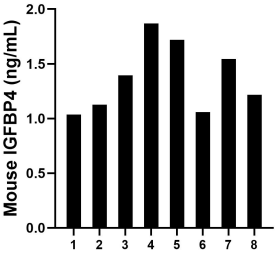
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

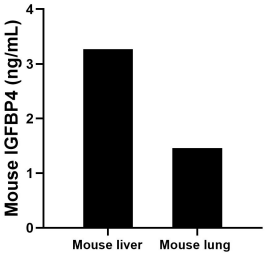
Selected Validation Data



Sandwich ELISA standard curve of MP03501-2, Mouse IGFBP4 Recombinant Matched Antibody Pair - PBS only. 88373-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg10275. 88373-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



Serum of eight mice was measured. The mouse IGFBP4 concentration of detected samples was determined to be 1.37 ng/mL with a range of 1.04-1.87 ng/mL.



The mean IGFBP4 concentration was determined to be 3.27 ng/mL in mouse liver tissue extract based on a 1.2 mg/mL extract load and 1.46 ng/mL in mouse lung tissue extract based on a 5.0 mg/mL extract load.