For Research Use Only

Mouse LEPR Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02809-1

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

Capture Antibody Information

Catalog Number:
86865-3-PBS

Clone ID:
250779B5

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
leptin receptor

Isotype:
IgG

GenBank:
NM_146146.2

Gene ID:
16847

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg2930

Detection Antibody Information

Catalog Number:
86865-2-PBS

Clone ID:
250779B12

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
leptin receptor

Isotype:
IgG

GenBank:
NM_146146.2

Gene ID:
16847

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg2930

Applications

Tested Applications:
Sandwich ELISA

Range:
0.391-25 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

MP02809-1 targets LEPR in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Lepr Recombinant monoclonal antibody, PBS Only (Capture) 86865-3-PBS (250779B5). 100 μg. Concentration 1 mg/ml.

Detection antibody: Mouse Lepr Recombinant monoclonal antibody, PBS Only (Detector) 86865-2-PBS (250779B12). 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.

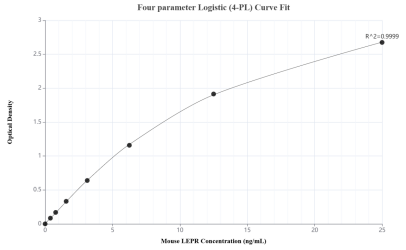
Storage

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

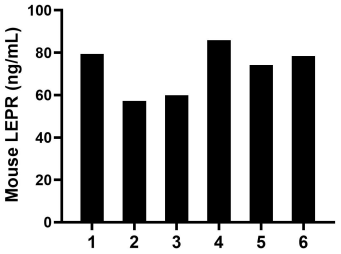
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 MP02809-1, Mouse LEPR Recombinant Matched Antibody Pair - PBS only. 86865-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2930. 86865-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



Serum of six mice was measured. The LEPR concentration of detected samples was determined to be 72.52 ng/mL with a range of 57.28-85.94 ng/mL.



The mean LEPR concentration was determined to be 7.50 ng/mL in mouse heart extract based on a 5.40 mg/mL extract load.