

For Research Use Only

Mouse Leptin Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02927-2

Capture Antibody Information

Catalog Number:

87242-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251280G8

Reactivity:

mouse

Immunogen Catalog Number:

Eg4486

Conjugate:

Unconjugated

Full name:

leptin

Gene ID:

16846

Detection Antibody Information

Catalog Number:

87242-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251280B7

Reactivity:

mouse

GenBank:

NM_008493.3

Immunogen Catalog Number:

Eg4486

Conjugate:

Unconjugated

Full name:

leptin

Gene ID:

16846

Applications

Tested Applications:

Sandwich ELISA

Range:

62.5-4000 pg/mL (Sandwich ELISA)

Recommended Dilutions:

It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02927-2 targets Leptin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Leptin Recombinant monoclonal antibody, PBS Only (Capture) 87242-2-PBS (251280G8). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Leptin Recombinant monoclonal antibody, PBS Only (Detector) 87242-3-PBS (251280B7). 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

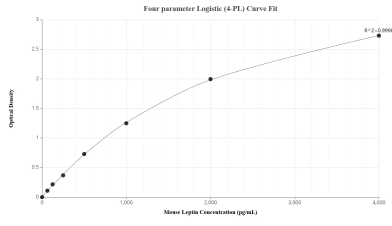
For technical support and original validation data for this product please contact:

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

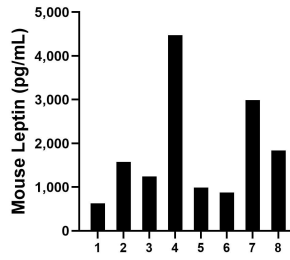
E: proteintech@ptglab.com
W: ptglab.com

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

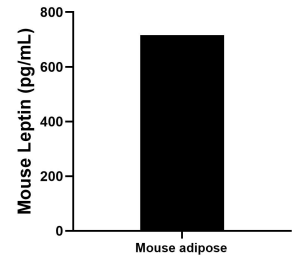
Selected Validation Data



Sandwich ELISA standard curve of MP02927-2, Mouse Leptin Recombinant Matched Antibody Pair - PBS only. 87242-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4486. 87242-3-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL



Serum of eight mice was measured. The Leptin concentration of detected samples was determined to be 1,826.5 pg/mL with a range of 626.4-4,475.5 pg/mL



The mean Leptin concentration was determined to be 716.3 pg/mL in mouse adipose tissue extract based on a 1.8 mg/mL extract load.