

For Research Use Only

Rat Leptin Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00639-2

Capture Antibody Information

Catalog Number:
83655-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240368A3

Reactivity:
rat

Conjugate:
Unconjugated

Full name:
leptin

Gene ID:
25608

Detection Antibody Information

Catalog Number:
83655-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240368B8

Reactivity:
rat

GenBank:
NM_013076.3

Conjugate:
Unconjugated

Full name:
leptin

Gene ID:
25608

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 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

MP00639-2 targets Leptin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat Leptin Recombinant antibody, PBS Only (Capture/Detector) 83655-1-PBS (240368A3). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat Leptin Recombinant antibody, PBS Only (Capture/Detector) 83655-2-PBS (240368B8). 100 µg. Concentration 1 mg/ml.

Alternative Leptin matched antibody pairs: MP00639-1

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

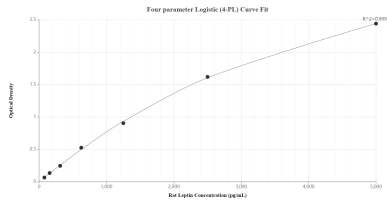
For technical support and original validation data for this product please contact:

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

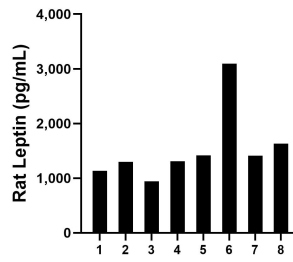
E: proteintech@ptglab.com
W: ptglab.com

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 MP00639-2, Rat Leptin Recombinant Matched Antibody Pair - PBS only. 83655-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0892. 83655-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of eight rats was measured. The Leptin concentration of detected samples was determined to be 1,530.4 pg/mL with a range of 943.6 - 3,095.9 pg/mL