

# 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

**GenBank:**

NM\_013076.3

**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, MP00993-1, MP00993-2, MP00993-3, MP50112-1

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:**

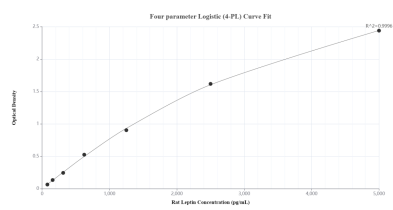
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

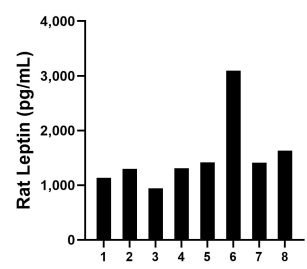
**Storage buffer:**

PBS only

## Selected Validation Data



Sandwich ELISA standard curve of 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.