

Leptin (5C11) Mouse mAb

db6269

Package : 50µL 100µL

Product Name : Leptin (5C11) Mouse mAb**Cat.No.:** db6269**Synonyms** : OB; OBS; LEPD; LEP**Application** : ELISA**Reactivity** : Human**Host species** : Mouse**Background**

This gene encodes a protein that is secreted by white adipocytes, and which plays a major role in the regulation of body weight. This protein, which acts through the leptin receptor, functions as part of a signaling pathway that can inhibit food intake and/or regulate energy expenditure to maintain constancy of the adipose mass. This protein also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis and wound healing. Mutations in this gene and/or its regulatory regions cause severe obesity, and morbid obesity with hypogonadism. This gene has also been linked to type 2 diabetes mellitus development.

Immunogen

Purified recombinant full length of human Leptin protein expressed in E.coli

Gene ID

3952

Swiss Prot

P41159

Synonyms

OB; OBS; LEPD; LEP

Reactivity

Human

Application

ELISA

Recommended dilution

ELISA: 1:10000

Calculated MW

16 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

5C11-G6-B12

Isotype

IgG2a

Purity

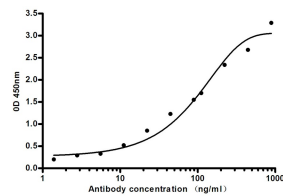
Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.



Indirect ELISA assay for antiLeptin mouse mAb.Antigen coating concentration: 4ug/ml.