

Rabbit anti-Human Leptin mAb (DET)

Catalog No.: RM17761

Basic Information

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RM17761

Catagory
Elisa Antibody Kit

Application
ELISA□DET□

Product Information

Ig Type
Rabbit IgG


Purification
Affinity purification


Endotoxin Level

Storage
Store at -20°C. Avoid freeze / thaw cycles. Preservative□0.05%ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2umfiltered solution in PBS with0.1%Braveds MB-1 ,Ph7.4 containing Human Leptin Antibody.

Contact

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Background

This gene encodes a protein that is secreted by white adipocytes into the circulation and plays a major role in the regulation of energy homeostasis. Circulating leptin binds to the leptin receptor in the brain, which activates downstream signaling pathways that inhibit feeding and promote energy expenditure. This protein also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis, reproduction, bone formation and wound healing. Mutations in this gene and its regulatory regions cause severe obesity and morbid obesity with hypogonadism in human patients. A mutation in this gene has also been linked to type 2 diabetes mellitus development.

Immunogen Information

Immunogen
Recombinant Human Leptin Protein

Cross-Reactivity

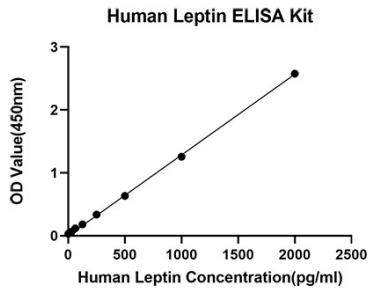
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Assay Applications

Human Leptin Sanwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human Leptin(CAP)(Cat. No.RM17760)
ELISA Detection	0.05-0.2ug/mL	Rabbit anti-Human Leptin(DET)(Cat. No.RM17761)
Standard	31.25-2000pg/mL	Recombinant Human Leptin Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.