Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse Leptin mAb

Catalog No.: RMK0443

Basic Information

Catalog No.
RMK0443

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
N/A

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

Contact

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Background

Enables DNA binding activity and growth factor activity. Involved in several processes, including cell surface receptor signaling pathway; positive regulation of cytokine production; and positive regulation of signal transduction. Acts upstream of or within several processes, including insulin secretion; monocarboxylic acid metabolic process; and regulation of insulin secretion. Located in cytoplasm and extracellular space. Is expressed in several structures, including adipose tissue; alimentary system; central nervous system; early conceptus; and genitourinary system. Used to study abdominal obesity-metabolic syndrome (multiple); fatty liver disease (multiple); obesity; and type 2 diabetes mellitus. Human ortholog(s) of this gene implicated in several diseases, including alcohol dependence; congenital leptin deficiency; liver disease (multiple); lung disease (multiple); and type 2 diabetes mellitus. Orthologous to human LEP (leptin).

Immunogen Information

Immunogen
Recombinant Mouse Leptin

Cross-Reactivity

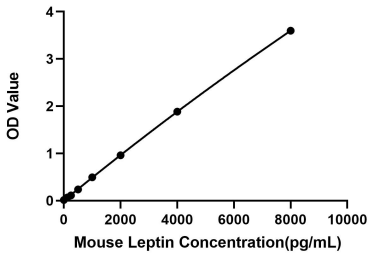
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Assay Applications

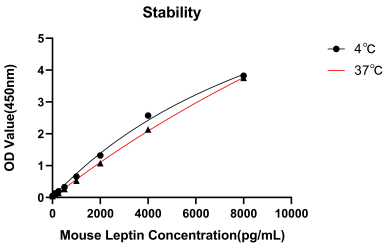
Mouse Leptin ELISA

		Recommended Concentration	Sample
ELISA	Capture	0.25-1 μg/mL	Rabbit anti-Mouse Leptin mAb (Cat. No. RMK0443)
	Detection	0.0166-0.066 μg/mL	Rabbit anti-Mouse Leptin mAb (Cat. No. RMK0444)
	Standard	125-8000 pg/mL	Recombinant Mouse Leptin Protein (Cat. No. RP02880)

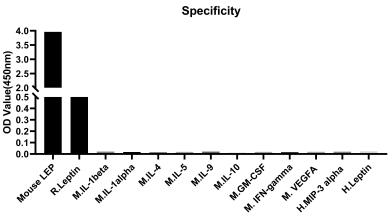
Validation Data



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



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.



No significant cross-reactivity or interference was observed.