



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and DataSheet

Rabbit Anti Mouse Leptin

Catalog No.
MD-08-0009

Species
Mouse

Preparation

Host Animal: Mouse
Immunogen: Recombinant Mouse Leptin
Purification: Immunoaffinity chromatography using immobilized mouse Leptin matrix.

Specificity

Mouse Leptin
Rabbit anti Mouse Leptin
Rabbit Antibody to Mouse Leptin

Formulation

Format: Affinity Purified, Lyophilized.
Reconstitute in sterile water to a concentration of ≥ 0.2 mg/ml.
Buffer: Lyophilized from 0.5X PBS, pH 7.4
Preservative: None
Concentration: 1 mg/ml (prior to lyophilization)

Storage

The lyophilized product is stable at room temperature for at least one month and for greater than one year when stored at -20°C . After reconstitution, the product is stable for at least 6 weeks when stored at $2-8^{\circ}\text{C}$.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

ELISA: To detect Leptin by direct ELISA (using 100ul/well antibody solution) a concentration of at least 0.5ug/ml of this antibody is required. This antibody allows the detection of 0.2-0.4ng/well of recombinant Leptin.

Western blot: To detect Leptin by Western blot analysis this antibody can be used at a concentration of 0.1-0.2ug/ml. The detection limit for recombinant Leptin is 1.5-3.0ng/lane, under either reducing or non-reducing conditions. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

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