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Anti-Murine Leptin Antibody
Catalog # ABG10340

Specification

Anti-Murine Leptin Antibody - Product Information

Application	**WB, IHC, E**
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**

Anti-Murine Leptin Antibody - Additional Information

Preparation
Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant mLeptin. Anti-Murine Leptin specific antibody was purified by affinity chromatography employing immobilized mLeptin matrix.

WesternBlot
To detect mLeptin by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant mLeptin is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich
To detect mLeptin by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Murine Leptin (61-085BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mLeptin.

Immunohistochemistry
This antibody stained 4% PFA, paraffin-embedded sections of Trichuris muris infected murine cecum and large intestine tissue. The primary antibody was incubated at 0.20 µg/mL overnight at 4°C and the secondary antibody was a cyanine-3 conjugated Donkey anti-Rabbit (Jackson ImmunoResearch). Heat induced antigen retrieval with a 100mM citric acid was used. Information and photo are courtesy of David Artis, University of Pennsylvania. Optimal concentrations and conditions may vary.

Formulation
A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

Reconstitution
Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage
-20°C

Precautions
Anti-Murine Leptin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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Anti-Murine Leptin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Murine Leptin Antibody - Images