

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's 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.

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 Cytometry](#)
- [Cell Culture](#)

Anti-Murine Leptin Antibody - Images