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Anti-Murine IGF-I Antibody
Catalog # ABG10183

Specification

Anti-Murine IGF-I Antibody - Product Information

Application	**WB, E**
Reactivity	**Mouse**
Host	**Goat**
Clonality	**Polyclonal**

Anti-Murine IGF-I Antibody - Additional Information

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

WesternBlot
To detect mIGF-I 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 mIGF-I is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich
To detect mIGF-I 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 IGF-I (61-080BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIGF-I.

Neutralization
To yield one-half maximal inhibition [ND₅₀] of the biological activity of Murine IGF-I (200 ng/ml), a concentration of 12.0 – 14.0 µg/ml of this antibody is required.

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 IGF-I Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Murine IGF-I Antibody - Protocols

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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 IGF-I Antibody - Images