

# Anti-Murine IGF-I Antibody

Catalog # ABG10183

## Product Information

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| <b>Application</b> | WB, E      |
| <b>Reactivity</b>  | Mouse      |
| <b>Host</b>        | Goat       |
| <b>Clonality</b>   | Polyclonal |

## Additional Information

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| <b>Preparation</b>    | 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.                                                                                                                                                       |
| <b>WesternBlot</b>    | 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.                                                                         |
| <b>Sandwich</b>       | 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. |
| <b>Neutralization</b> | To yield one-half maximal inhibition [ND <sub>50</sub> ] 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.                                                                                                                                                                          |
| <b>Formulation</b>    | A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.                                                                                                                                                                                                                                                                                       |
| <b>Reconstitution</b> | Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.                                                                                                                                                                                                                                                         |
| <b>Storage</b>        | -20°C                                                                                                                                                                                                                                                                                                                                                        |
| <b>Precautions</b>    | Anti-Murine IGF-I Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                 |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.