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Antigen-Affinity Purified Polyclonal Antibodies

Anti-murine IGF-I

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

Host species:	Goats
Antigen:	Recombinant murine IGF-I
Purification:	Protein A chromatography
Stabilizer:	none
Buffer:	PBS; pH 7.2
Formulation:	lyophilized

Reconstitution: Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. **Avoid repeated freeze-thaw cycles.**

Applications

Western Blot: To detect mIGF-1 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-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

ELISA:

Indirect: To detect mIGF-1 by indirect 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 compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIGF-1.

Sandwich: To detect mIGF-1 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 an appropriate secondary conjugated antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIGF-1.

Usage: Anti-murine IGF-I is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 103-P08G

Size: 100 µg

****Please note: always centrifuge product before opening vial.****