Description: MOUSE ANTI HUMAN INSULIN-LIKE GROWTH FACTOR I
Specificity: IGF-I
Other names: INSULIN-LIKE GROWTH FACTOR I
Format: Purified
Product Type: Monoclonal Antibody
Clone: M23
Isotype: IgG1
Quantity: 0.1 mg

Product Details
RRID: AB_620169

Applications
This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

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<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species: Human
Species Cross Reactivity: Reacts with: Rabbit

N.B. Antibody reactivity and working conditions may vary between species.

Product Form: Purified IgG - liquid
Preparation: Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Buffer Solution: Phosphate buffered saline
Preservative: 0.1% Sodium Azide (NaN₃)
Stabilisers: 0.1% Bovine Serum Albumin

Approx. Protein Concentrations: IgG concentration 0.1mg/ml
Mouse anti Human insulin-like growth factor 1 antibody, clone M23 recognizes human IGF-1, also known as Mechano growth factor, Somatomedin-C or Insulin-like growth factor I. IGF-1 is a 195 amino acid ~ kDa secreted peptide bearing an N-terminal signal peptide and a propeptide together accounting for the N-terminal 48 amino acid residues. There is a second C-terminal propeptide region, known as the 'E-peptide', also cleaved during processing to yield the 70 amino acid active secreted IGF-1 peptide. IGF-1 is functionally related to insulin but with a higher growth-promoting activity.

Mouse anti Human insulin-like growth factor 1 antibody, clone M23 has not been cross-adsorbed and may react with similar peptides from related species.

References

Storage
Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
18 months from date of despatch.

Health And Safety Information

Regulatory
For research purposes only

Recommended Products

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos., HRP](#)
- Goat Anti Mouse IgG (STAR77...) [HRP](#)
- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
- Rabbit Anti Mouse IgG (STAR8...) [DyLight800](#)
- Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
- Goat Anti Mouse IgG (STAR76...) [RPE](#)
- Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG (Fc) (STAR120...)  **FITC, HRP**  
Rabbit Anti Mouse IgG (STAR9...)  **FITC**  
Goat Anti Mouse IgG (H/L) (STAR117...)  **Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP**  

**Recommended Negative Controls**

**MOUSE IgG1 NEGATIVE CONTROL (MCA928)**

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