



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Insulin-Like Growth Factor I

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01602

Target Species
N/A

Isotype
IgG1

Preparation

Synonyms: IBP1

Purification: Purified IgG prepared by affinity chromatography on Protein A

Immunogen: Biosynthetic IGF-I

Specificity

DS-MB-01602 is specific for IGF-I. It shows minimal cross-reactivity with IGF-II, Proinsulin, MSF and Insulin. **Affinity:** 10^8 - 10^9 L/mole.

Formulation

Product Type: Monoclonal Antibody

Product Form: Ig fraction - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Storage

Store at $+4^\circ\text{C}$ 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.

Shelf Life: 18 months from date of despatch.

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Radioimmunoassays	•			
ELISA	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined.

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.



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Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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