



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Mouse Anti Glucagon Like Peptide 1

Catalog No.
MD-14-0329

Host Animal
Mouse

Isotype
IgG₁

Description

Monoclonal Antibody to Human Glucagon-Like Peptide (GLP1)

Preparation

Immunogen: Synthetic human Glucagon Like Peptide 1 (GLP1) peptide KLH conjugated, amino acid sequence 7-36 amide

Purification: Protein G chromatography

Source: Tissue Culture

Formulation

Product Form: Purified, Lyophilized. Reconstitute in 10ul double distilled water.

Buffer Solution: Lyophilized from 0.1M PBS, pH 7.4

Preservative Stabilizers: None

Approx. Protein Concentration: 1mg/ml (prior to lyophilization)

Specificity

GLP1 (a.a. 7-36 amide), GLP1 (a.a. 1-30 amide), C-terminal specific. Does not cross-react against GLP2, GRPP, PYY, VIP, PHI, GIP, Glucagon or Oxyntomodulin.

Storage

Store lyophilized product at 2-8°C. After reconstitution, store at -20°C. Avoid multiple freeze/thaw cycles.

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



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			•	
Western Blotting			•	
Immunocytochemistry	•			1:10,000
IHC - Paraffin	•			
Flow Cytometry			•	
Dot Blot	•			1:5,000

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

References

Eissele, R., et al., (1992), "Glucagon like peptide 1 cells in the gastrointestinal tract and pancreas of rat, pig and man" Eur. J. Clin. Invest., **22**:283-291

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