



BMA BIOMEDICALS

Monoclonal Antibody To Human GLP-1R

Glucagon-like Peptide-1 Receptor

Glucagon-like peptide 1 receptor belongs to the G-protein coupled receptor 2 family. The mature protein is made up of 440 amino acids with four disulfide bonds and three N-linked glycosylation sites. Glucagon-like peptide-1 (GLP-1) is a peptide hormone that functions as a messenger between various organs and tissues involved in glucose metabolism, and controls nutrient ingestion. Important sources for GLP-1 include the intestine and brain stem and hypothalamus, while the receptor (GLP-1R) is prominently expressed in pancreas, areas of the brain such as the hypothalamus, and peripheral nerves.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-1236 (Lot 01PO1810)
Clone:	1H4
Host species, isotype:	Mouse IgG1, kappa light chain
Quantity:	100µg
Format:	Protein G purified, lyophilized. Affinity purified from serum-free cell culture supernatant, lyophilized. Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% (v/v) Kathon™ CG as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C from date of purchase. Avoid freeze-thaw cycles.
Applications:	Tested for immunohistochemistry (IHC). Approximate working dilution for IHC: Paraffin sections: 2µg/ml (1:100), pretreatment in microwave with citrate buffer for antigen retrieval is recommended Optimal dilutions should be determined by the end user Suggested positive control: Human pancreas / adrenal Please see www.bma.ch for protocols and general information
Immunogen:	DNA vaccine
Protein database:	human-P43220
Antigen, epitope:	The specificity of the antibody was verified by flow cytometry with cells expressing the recombinant protein. The epitope was not further characterized.

For in vitro research only. This product contains Kathon™ CG as a preservative.
