

Glucagon Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251754

Unit: 0.1 mg

Description:

Glucagon plays a key role in glucose metabolism and homeostasis. Glucagon regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, glucagon raises plasma glucose levels in response to insulin-induced hypoglycemia. Glucagon plays an important role in initiating and maintaining hyperglycemic conditions in diabetes. Glucagon is available under the names Glucagon (Eli Lilly) and GlucaGen or Glucagon Novo Nordisk (Novo Nordisk), which are used to treat severe hypoglycemia in insulin-dependent diabetics.

Isotype: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H, R

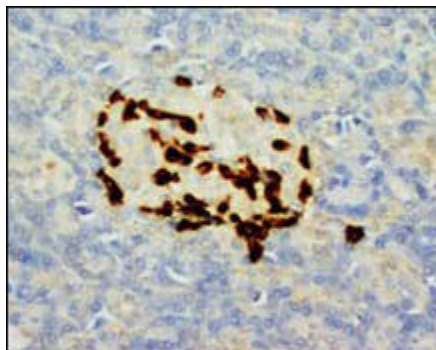
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Glucagon; GCG

Accession No.: P01275

Antigen: Polymerized porcine glucagon.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Glucagon staining in rat pancreas. Paraffin-embedded rat pancreas is stained with Glucagon Antibody (Cat. No. 251754) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.