

Insulin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251759

Unit: 0.1 mg

Description:

Insulin, secreted from the pancreas, is a hormone which triggers a decrease in blood glucose concentration. Insulin has a structure of a B chain and an A chain linked by two disulfide bonds. Insulin increases cell permeability to monosaccharides, amino acids and fatty acids, and accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver. Defects in insulin are the cause of multiple forms of diabetes.

Isotype: Mouse IgG1

Applications: E, IHC, WB

Species Reactivity: H, M, R

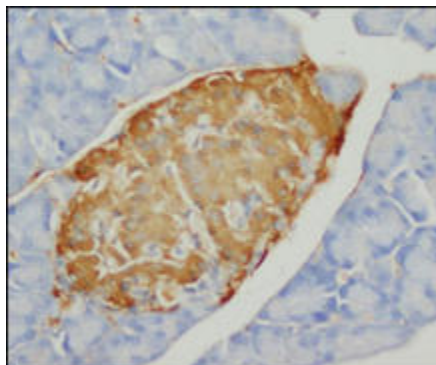
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Insulin; Insulin B chain; Insulin A chain; INS

Accession No.: P01308

Antigen: Human insulin

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:1,000-1:2,500



Insulin staining in rat pancreas. Paraffin-embedded rat pancreas is stained with Insulin Antibody (Cat. No. 251759) 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.