

## **C-Peptide Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 250610

**Unit:** 0.1 mg

**Description:**

Insulin decreases blood glucose concentration and increases cell permeability to monosaccharides, amino acids and fatty acids. Insulin accelerates glycolysis, the pentose phosphate cycle and glycogen synthesis in liver. Defects in insulin are the cause of familial hyperproinsulinemia. Insulin is available under the names Humulin or Humalog (Eli Lilly) and Novolin (Novo Nordisk) for the treatment of diabetes. After removal of the precursor signal peptide, proinsulin is post-translationally cleaved into two chains: peptide A and peptide B, covalently linked by two disulfide bonds.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H

**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:** C-peptide; insulin; INS; proinsulin

**Accession No.:** P01308

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human C-Peptide.

**Application Notes:** E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

**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.