
Pancreatic Polypeptide Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250242

Unit: 0.2 mg

Description:

Pancreatic polypeptide (PP) is a 36 amino-acid residue peptide with sequence and 3-D structural homology with NPY and PYY. PP is the least conserved of the three peptides and was the first to be identified. It is almost exclusively expressed in the endocrine pancreas and released in response to cholinergic stimulation and food intake. PP has inhibitory effects on gall bladder secretion, intestinal motility and pancreatic secretion. PP may serve as a marker for certain gut endocrine tumors including carcinoid tumors. This antibody binds human full length pancreatic polypeptide. Cross-reactivity with NPY and PYY was <0.1%.

Isotype: Mouse IgG1

Applications: E

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Pancreatic polypeptide; PP; Obinepitide

Accession No.: P01298

Antigen: Synthetic human PP coupled to carrier with glutaraldehyde

Application Notes: Product Cat. No. 250242 binds free PP in solution. Product Cat. No. 250242 reacts in ELISA with PP coated directly onto the microtiter well. E: 1:8,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

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