

Peptide YY Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250241

Unit: 0.2 mg

Description:

PYY (peptide tyrosine-tyrosine amide) is a 36 amino-acid. PYY is a member of the pancreatic polypeptide (PP) family of peptides (neuropeptide Y (NPY), PYY and PP). While NPY is localized in neurons (both in the central and peripheral nervous system) and PP in the pancreatic islets, PYY is found in both neurons and the gut. PYY is released in response to food intake from the same endocrine cells (L cells) in the intestinal mucosa as the glucagon-like peptides and inhibits gall bladder secretion, gut motility and pancreatic secretion. These effects are similar to those of PP and overlap with the gut inhibitory activity of GLP-1. This antibody binds human PYY. Cross-reactivity with NPY or PP in solution was

Isotype: Mouse IgG1/k

Applications: E, IHC

Species Reactivity: H

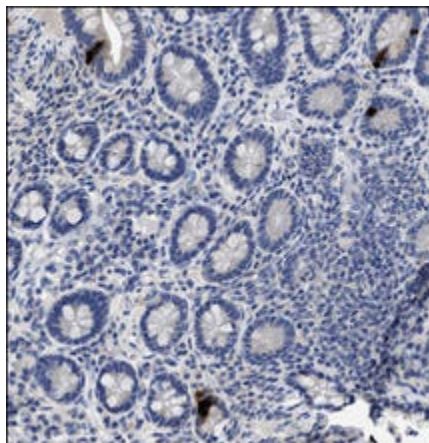
Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: PYY; PYY-1; Peptide tyrosine tyrosine

Accession No.: P10082

Antigen: Synthetic human PYY coupled to carrier with glutaraldehyde adsorbed onto aluminum hydroxide gel and emulsified in Freund's incomplete adjuvant.

Application Notes: Product Cat. No. 250241 binds free PYY in solution. Product Cat. No. 250241 reacts in ELISA with PYY coated directly onto the microtiter well. The antibody is used in IHC with paraffin-embedded tissues. E: 1:16,000; IHC: 1:100-1:500



Paraffin-embedded human small intestine is stained with Peptide YY Antibody (Cat. No. 250241) used at 1:200 dilution.

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.