

Anti-Pancreatic Polypeptide (human, PP)

CAT. NO. ABS 030-06

OVERVIEW

Product Name	Anti-Pancreatic Polypeptide (human, PP)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	6
Tested Applications	ELISA, WB		

SPECIFICITY

Specificity	ABS 030-06 binds human full length pancreatic polypeptide. Cross-reactivity with NPY and PYY was <0.1%.		
Immunogen	Synthetic human PP	Gene ID	5539
Target	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.		
Species Reactivity POSITIVE	Human	Species Reactivity NEGATIVE	Not determined

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL \pm 15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	ABS 030-06 binds free PP in solution. ABS 030-06 reacts in ELISA with PP coated directly onto the microtiter well.
WB	ABS 030-06 can be used in Western blotting.

SCIENTIFIC REFERENCES

N/A

CONDITIONS

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