



Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com

Monoclonal Antibody to Human C-Peptide Connecting-Peptide of Proinsulin

Monoclonal antibody C-PEP-01 reacts with the C-peptide of human proinsulin. In normal tissues it reacts with normal pancreatic islet β -cells. In tumor tissues it stains insulin secreting neoplasms (insulinomas). The antibody reacts with human proinsulin but not with insulin, glucagon or somatostatin, and recognizes the amino acid residues 8-13 and 25-31.

Product Number:	T-1313
Clone:	C-PEP-01
Host species, isotype:	Mouse IgG1
Quantity:	500 μ g
Format:	Diluted ascites, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 1mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC); has been described to work in ELISA. Approximate working dilution for IHC: Frozen sections: not tested Paraffin sections: 0.2 μ g/ml (1:5000); no pretreatment necessary. Optimal dilutions should be determined by the end user. Suggested positive control: Human pancreas.

Selected references

Hilgert, I. et al.: Hybridoma 10: 379-386 (1991).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.