

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

BM270SMonoclonal Antibody to C-Peptide (+ Proinsulin) - PurifiedAlternate names:Connecting Peptide, ProinsulinQuantity:0.1 mgConcentration:1.0 mg/mlBackground:Proinsulin consists of the three parts: C-peptide and two long strands of amino acids

Background:	(alpha and beta chains; later become linked together to form the Insulin molecule). From every molecule of Proinsulin, one molecule of Insulin plus one molecule of C- peptide are produced. C-peptide is released into the blood stream in equal amounts to Insulin.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	C-PEP-01
Immunogen:	Human C-peptide conjugated to Bovine Serum Albumin
Format:	State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Purification: Precipitation Methods Buffer System: PBS, pH~7.4 Preservatives: 15 mM Sodium Azide
Applications:	 RIA. ELISA. Immunocytochemistry. Immunohistochemistry on Paraffin Sections: 2-5 μg/ml. Pretreatment of paraffin sections with 0.1% Trypsin in PBS for 30 min at 37°C is recommended. <i>Positive Control</i>: Human pancreas (islets of Langerhans). According to customer information this antibody does not work in Western blotting. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody <i>clone C-PEP-01</i> reacts specifically with C-peptide of Proinsulin. No cross-reactivity with Insulin or other peptide hormones or proteins was observed.
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
Product Citations:	 Purchased from Acris: 1. Chia, CY. The role of transcription factor GATA6 in the development of the human pancreas. Thesis 2018 Originator or purchased from resellers: 1. Hilgert I, Stolba P, Kristofová H, Stefanová I, Bendlová B, Lebl M, et al. A monoclonal antibody applicable for determination of C-peptide of human proinsulin

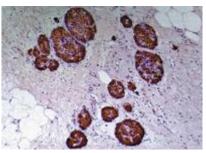
For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

ORIGENE BM270S: Monoclonal Antibody to C-Peptide (+ Proinsulin) - Purified

by RIA. Hybridoma. 1991 Jun;10(3):379-86. PubMed PMID: 1916848.

Pictures:

Immunohistochemical staining of Human pancreas (Paraffin-embedded sections) with C-peptide antibody clone C-PEP-01 Cat.-No. BM270S.



For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.