

Datasheet: 1700-0204

BATCH NUMBER 169948

Description:	MOUSE ANTI HUMAN C-PEPTIDE
Specificity:	C-PEPTIDE
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	C-PEP-01
Isotype:	IgG1
Quantity:	0.25 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by sequential precipitation with caprylic acid and ammonium sulphate from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen	Human C-peptide conjugated to BSA.
External Database Links	<p>UniProt: P01308 Related reagents</p> <p>Entrez Gene: 3630 INS Related reagents</p>
RRID	AB_617247
Specificity	Mouse anti C-peptide antibody, clone C-PEP-01 recognizes human C-peptide (also known as connecting peptide) a peptide released when proinsulin is cleaved to produce insulin. It can also be used to detect proinsulin.
References	<ol style="list-style-type: none"> 1. Hilgert, I. <i>et al.</i> (1991) A monoclonal antibody applicable for determination of C-peptide of human proinsulin by RIA. Hybridoma. 10: 379-86. 2. Afrikanova, I. <i>et al.</i> (2011) Inhibitors of Src and focal adhesion kinase promote endocrine specification: impact on the derivation of β-cells from human pluripotent stem cells. J Biol Chem. 286 (41): 36042-52.
Further Reading	1. Vasic, D. & Walcher, D. (2012) C-peptide: a new mediator of atherosclerosis in diabetes. Mediators Inflamm. 2012: 858692.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/1700-0204</p> <p>10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC

Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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