



Technical Data Sheet

Product	Anti-Hu C-peptide Biotin	
Cat. Number/Size	1B-247-C025	0.025 mg
	1B-247-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	C-peptide	
Clone	C-PEP-01	
Format	Biotin	
Reactivity	Human	
Application	ELISA, RIA, IHC-P, ICC	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody C-PEP-01 reacts specifically with C-peptide, a part of the proinsulin molecule. Proinsulin consists of three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the insulin molecule). No cross-reactivity with insulin or other peptide hormones or proteins was observed.	
Other names	C-peptide of proinsulin	
Immunogen	Human C-peptide conjugated to bovine serum albumin.	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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