

## Mouse Anti-Human Proinsulin C-Peptide (Clone C-PEP-01) mAb

<b>Catalog No.</b>	MON5021	<b>Quantity:</b>	100 ug
<b>Alternate Names:</b>	C-peptide of proinsulin		
<b>Description:</b>	<p>This antibody is highly specific for human C-peptide of human proinsulin. No cross reactions were found with other serum proteins.</p> <p>Proinsulin is made up of 86 residues in humans and formed by three distinct chains. The A chain, B chain, and the area connecting the two named the C peptide. The correct structure of proinsulin is crucial for the correct folding of mature insulin, as the placement of the C peptide sets the molecule up to create correctly positioned disulfide bonds in and between the A and B chains</p>		
<b>Concentration:</b>	1 mg/ml		
<b>Specificity:</b>	Human C-peptide of proinsulin		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Human C-peptide conjugated to bovine serum albumin		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	C-PEP-01		
<b>Purification:</b>	PBS, pH 7.4 with 15 mM sodium azide		
<b>Applications:</b>	IHC, ICC, ELISA		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for 1 month or in undiluted aliquots at -20°C to -80°C up to 1 year. <b>Avoid repeated freeze/thaw cycles.</b>		

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