

Datasheet for ABIN6981363

**anti-C-Peptide antibody (AA 57-87) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	C-Peptide
Binding Specificity:	AA 57-87
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C-Peptide antibody is conjugated to AbBy Fluor® 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse C Peptide
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Mouse
Purification:	Purified by Protein A.

## Target Details

Target:	C-Peptide
Alternative Name:	C Peptide ( <a href="#">C-Peptide Products</a> )

## Target Details

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**Background:** Synonyms: proinsulin precursor, Hyperproinsulinemia, INS, Insulin Precursor, IRDN, Proinsulin, Propeptide, C-Peptide, INS2\_MOUSE.

Background: C Peptide is part of the molecule of Proinsulin, that consists of three parts: C Peptide and two long strands of amino acids (called the alpha and beta chains) that 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. A test of C peptide levels will show how much insulin the body is making. Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.

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**Gene ID:** 16334

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**UniProt:** [P01326](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months