

Magic™ Mouse Anti-Human PCT (aa 102 - 111) monoclonal antibody, clone 29C8 (DCAB-TJ170)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Fragments of human PCT conjugated with carrier protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	29C8
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	Recommended antibody pair for human PCT detection. We recommend the following for sandwich ELISA (Capture - Detection): DCAB-TJ170 - CABT-WN1111
Epitope	Katacalcin domain (aa 102-111)
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.4, 0.09 % sodium azide
Preservative	0.09 % sodium azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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Storage	Store at 4°C.
Ship	Wet ice

BACKGROUND

Introduction	Procalcitonin (PCT) is a peptide precursor of the hormone calcitonin, the latter being involved with calcium homeostasis. It arises once preprocalcitonin is cleaved by endopeptidase. It was first identified by Leonard J. Deftos and Bernard A. Roos in the 1970s. It is composed of 116 amino acids and is produced by parafollicular cells (C cells) of the thyroid and by the neuroendocrine cells of the lung and the intestine.
Keywords	Procalcitonin; PCT; PCT antigen; PCT protein

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