



Mouse Anti-Human Procalcitonin (aa 11-25) monoclonal antibody, clone 34C23 (DMABT- H1296MH)

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

PRODUCT INFORMATION

Specificity	No cross-reaction with: Calcitonin, Katalcalcin, CGRP1 and CGRP2.
Immunogen	Recombinant human PCT
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	34C23
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	Best sensitivity in LFIA for PCT. We recommend the following for sandwich ELISA (Capture - Detection): DMAB1357MH - DMABT-H1296MH
Epitope	N-term PCT (aa 11-25)
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.4, 0.09 % sodium azide

Preservative	0.09 % sodium azide
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.
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Keywords	Procalcitonin; PCT; PCT antigen; PCT protein
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