



Mouse Anti-Human PCT (aa 26-60) monoclonal antibody, clone 44D9 (DMAB1337MH)

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

PRODUCT INFORMATION

Specificity	React with human PCT
Immunogen	Recombinant Procalcitonin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	44D9
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	LFIA, ELISA, WB We recommend the following for sandwich ELISA (Capture - Detection): DMAB1342MH - DMAB1337MH
Epitope	N-term PCT (aa 26-60)
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	Phosphate Buffered Saline, pH 7.0

Storage Store at 4°C for short term. Aliquot and store at -20°C for long term. Avoid freeze/thaw cycles.

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
