



Mouse Anti-Procalcitonin monoclonal antibody, clone PCT (CABT-L2561)

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

PRODUCT INFORMATION

Specificity	Procalcitonin
Immunogen	Procalcitonin with carrier protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	PCT
Purification	Purified from mouse ascites.
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	None
Storage	-20°C. Avoid Freeze/Thaw Cycles

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