

Mouse Anti-Human Calcitonin monoclonal antibody, clone 10B11 (DCABY-4599)

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

PRODUCT INFORMATION

Specificity	React with active CT, distinguishing it from the mature CT present in the PCT peptide, enhancing the specificity of the assay.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	10B11
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	Best pair in CLIA for human calcitonin detection. We recommend the following for sandwich ELISA (Capture - Detection): DCABY-4599 - DCABY-4600
Epitope	Calcitonin domain (QTAIGVGAP)
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	None

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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	Calcitonin is a 32 amino acid peptide which can be demonstrated in C cells of the normal and hyperplastic thyroid. Staining for calcitonin may be used for the identification of a spectrum of C cell proliferative abnormalities ranging from C cell hyperplasia to invasive tumors. Staining for calcitonin in medullary carcinoma of the thyroid produces a fine granular pattern in the cytoplasm. Amyloid deposits within the tumor may also exhibit varying degrees of calcitonin activity.

GENE INFORMATION

Entrez Gene ID	796
UniProt ID	P01258

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