



Mouse Anti-Human Calcitonin (aa 72 - 81) monoclonal antibody, clone 14C10 (DMAB1357MH)

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

PRODUCT INFORMATION

Specificity	No cross-reaction with: Calcitonin, Katacalcin, CGRP1 and CGRP2.
Isotype	lgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	14C10
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	Calcitonin domain (aa 72 - 81)
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.4, 0.09 % sodium azide
Preservative	0.09 % sodium azide

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Storage	Store at 4°C.
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	<u>796</u>
UniProt ID	<u>P01258</u>