



# 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

<b>Specificity</b>	No cross-reaction with: Calcitonin, Katakalcin, CGRP1 and CGRP2.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	14C10
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Best sensitivity in LFIA for PCT. We recommend the following for sandwich ELISA (Capture - Detection): DMAB1357MH - DMABT-H1296MH
<b>Epitope</b>	Calcitonin domain (aa 72 - 81)
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4, 0.09 % sodium azide
<b>Preservative</b>	0.09 % sodium azide

**Storage** Store at 4°C.

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**Ship** Wet ice

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## 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.

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## GENE INFORMATION

**Entrez Gene ID** [796](#)

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**UniProt ID** [P01258](#)

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