



# Mouse Anti-Human Calcitonin (aa 72 - 81) monoclonal antibody, clone 24G3 (CABT- WN1112)

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

## PRODUCT INFORMATION

<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	24G3
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Recommended antibody pair for human calcitonin detection. We recommend the following for sandwich ELISA (Capture - Detection): CABT-WN1149 - CABT-WN1112
<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
<b>Storage</b>	Store at 4°C.

## 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	<a href="#">796</a>
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UniProt ID	<a href="#">P01258</a>
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