



Mouse Anti-Human Calcitonin monoclonal antibody, clone 14D11 (DCABY-4600)

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 14D11

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 (DFNKFHT)

Format Purified, Liquid

Concentration Lot specific

Size 1 mg

Buffer PBS

Preservative None

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](#)
