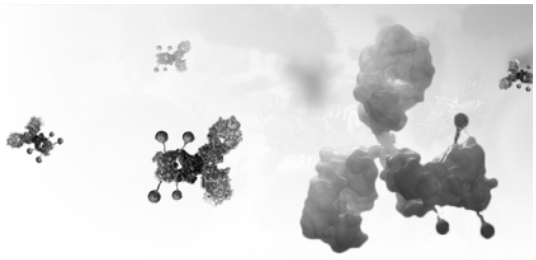

Mouse Anti-Human Calcitonin monoclonal antibody, clone JID632 (CABT-L2980)

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

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Calcitonin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID632
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Thyroid, Thyroid Medullary Carcinoma
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Calcitonin is a polypeptide hormone formed by the proteolytic cleavage of a larger prepropeptide. It is produced primarily by the parafollicular C-cells of the thyroid. Calcitonin is involved in the regulation of calcium and phosphorus metabolism. It decreases the level of calcium and phosphate ions in blood by promoting the incorporation of these ions into bones, as well as inhibiting renal tubular cell reabsorption. Calcitonin expression is found in C-cell hyperplasia and medullary thyroid carcinomas. It is a useful marker in identification of C-cell proliferative abnormalities, and for distinguishing medullary carcinoma from papillary and follicular thyroid cancer.
Keywords	Calcitonin/calcitonin related polypeptide alpha;Alpha type CGRP;Beta type CGRP;yCALC 1;CALC A;CALC1;CALC2;CALCA;CALCB;Calcitonin 1

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