

Calcitonin (AB1279) mouse mAb

V0198

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 15 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1279

Immunogen A synthetic peptide corresponding to the amino acid region 26 - 141 of the human Calcitonin protein.

Specificity The antibody can specifically recognize human Calcitonin protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CALCA

Protein Name Calcitonin

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P01258	796

Background Calcitonin, secreted by parathyroid C cells, is a polypeptide with a molecular weight of 3.4 kDa that participates in calcium and phosphorus metabolism. This antibody is mainly used in the study of thyroid C cell proliferation, medullary thyroid carcinoma and some endocrine tumors.