


Anti-Calcitonin antibody [SP17] ab16697

重组 RabMAb

[1 References](#) [5 图像](#)

概述

产品名称	Anti-Calcitonin抗体[SP17]
描述	兔单克隆抗体[SP17] to Calcitonin
宿主	Rabbit
经测试应用	适用于: IHC-P, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is considered to be commercially sensitive.
阳性对照	IHC-P: Human thyroid medullary carcinoma, pituitary and lung adenocarcinoma tissue. ICC/IF: TT cells
常规说明	<p>This product has switched from a hybridoma to recombinant production format on 22nd June 2020.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS
纯度	Protein A purified

克隆	单克隆
克隆编号	SP17
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab16697于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

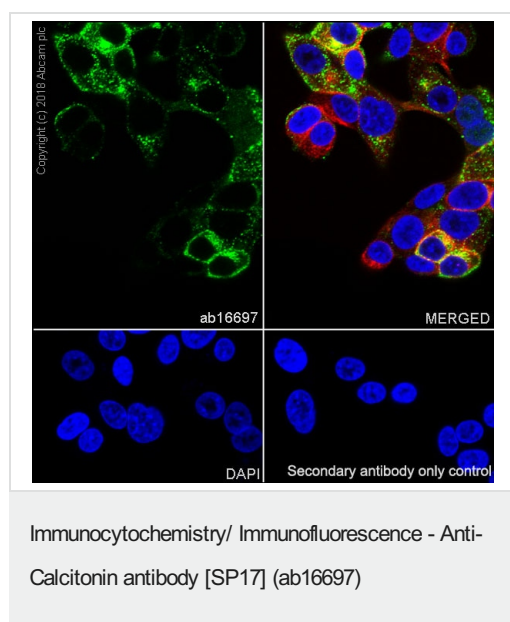
应用	Ab评论	说明
IHC-P		1/100.
ICC/IF		1/50.

靶标

相关性 Calcitonin is a 32 amino acid peptide hormone synthesized by the parafollicular cells of the thyroid. It causes a rapid, but short lived, reduction in serum calcium and phosphate by promoting the incorporation of those ions in the bones. This effect is opposite to that of parathyroid hormone. 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.

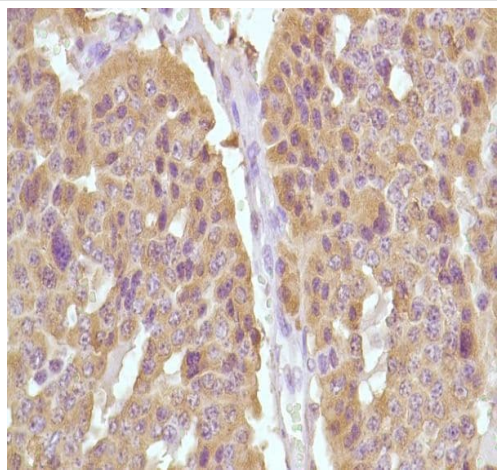
细胞定位 Cytoplasmic and Secreted

图片



Immunocytochemistry/ Immunofluorescence analysis of TT (Human thyroid carcinoma epithelial cell) cells labeling Calcitonin with purified ab16697 at 1/50 (2.4 µg/ml). Cells were fixed in 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. Cells were counterstained with **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1/1000 (2 µg/ml) dilution. DAPI was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.

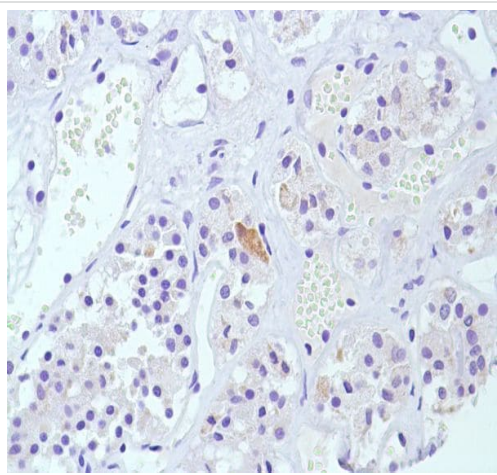
This image was generated using the hybridoma version of the product.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calcitonin antibody [SP17] (ab16697)

Formalin-fixed, paraffin-embedded human thyroid medullary carcinoma tissue stained for Calcitonin using ab16697 at 1/100 dilution in immunohistochemical analysis.

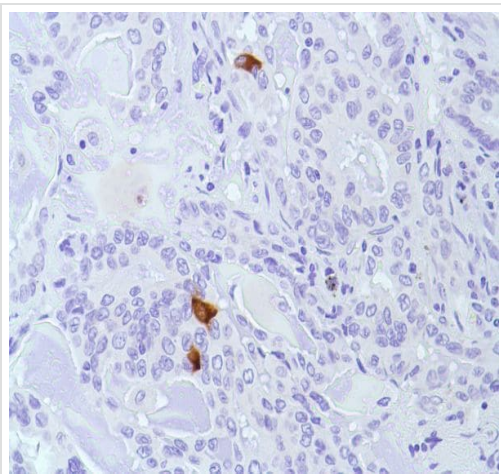
This image was generated using the hybridoma version of the product.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calcitonin antibody [SP17] (ab16697)

Formalin-fixed, paraffin-embedded human pituitary tissue stained for Calcitonin using ab16697 at 1/100 dilution in immunohistochemical analysis.

This image was generated using the hybridoma version of the product.







Formalin-fixed, paraffin-embedded human lung adenocarcinoma tissue stained for Calcitonin using ab16697 at 1/100 dilution in immunohistochemical analysis.

This image was generated using the hybridoma version of the product.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calcitonin antibody [SP17] (ab16697)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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