

# Anti-Calcitonin antibody [EPR20408-37] - BSA and Azide free (Capture) ab244602

重组 RabMAb

## 1 图像

### 概述

产品名称	Anti-Calcitonin抗体[EPR20408-37] - BSA and Azide free (Capture)
描述	兔单克隆抗体[EPR20408-37] to Calcitonin - BSA and Azide free (Capture)
宿主	Rabbit
经测试应用	适用于: Sandwich ELISA
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
常规说明	<p>ab244602 is a BSA and Azide Free antibody supplied in an unconjugated format and it is suitable for sandwich ELISAs to quantify Human Calcitonin. The recommended pair for sandwich ELISA is:</p> <p>Capture: <a href="#">ab244851</a> Human Calcitonin Capture Antibody (unconjugated) Detector: ab244602, Human Calcitonin Detector Antibody (unconjugated)</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Please note that the range provided for this antibody is only an estimation based on the performance of the product using the recommended antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody in your assay.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li></ul>

- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#).

## 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Constituent: 100% PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR20408-37
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab244602 于以下的经测试应用

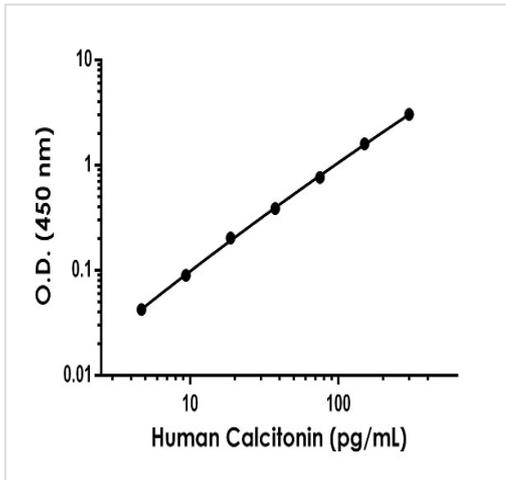
“应用说明”部分 下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
<b>Sandwich ELISA</b>		Use at an assay dependent concentration. Can be paired for Sandwich ELISA with <b><u>Rabbit monoclonal [EPR20408-110] to Calcitonin - BSA and Azide free (Detector) (ab244851)</u></b> .

## 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



Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab279411](#)).

Sandwich ELISA - Anti-Calcitonin antibody  
 [EPR20408-37] - BSA and Azide free (Capture)  
 (ab244602)

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

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