abcam

Product datasheet

Anti-Thyroglobulin antibody [1D4] ab16853

1 图像

概述

产品名称	Anti-Thyroglobulin抗体[1D4]
描述	小鼠单克隆抗体[1D4] to Thyroglobulin
宿主	Mouse
特异性	Recognises thyroglobulin in hyperplastic and neoplastic thyroid.
经测试应用	**适用于:** IHC-P
种属反应性	**与反应:** Human
免疫原	Full length protein corresponding to Human Thyroglobulin.
阳性对照	Thyroid
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.3 Preservative: 0.05% Sodium azide Constituents: Tissue culture supernatant, 1% BSA
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	1D4
同种型	IgG2a

应用

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab16853于以下的经测试应用**

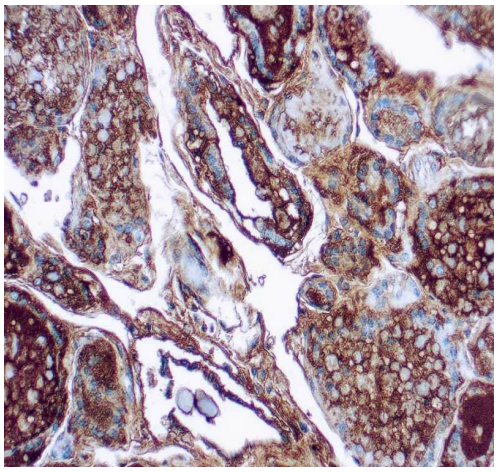
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.

靶标

功能	Precursor of the iodinated thyroid hormones thyroxine (T4) and triiodothyronine (T3).
组织特异性	Thyroid gland specific.
疾病相关	Defects in TG are the cause of congenital hypothyroidism due to dyshormonogenesis type 3 (CHDH3) [MIM:274700]. A disorder due to thyroid dyshormonogenesis, causing large goiters of elastic and soft consistency in the majority of patients. Although the degree of thyroid dysfunction varies considerably among patients with defective thyroglobulin synthesis, patients usually have a relatively high serum free triiodothyronine (T3) concentration with disproportionately low free tetraiodothyronine (T4) level. The maintenance of relatively high free T3 levels prevents profound tissue hypothyroidism except in brain and pituitary, which are dependent on T4 supply, resulting in neurologic and intellectual defects in some cases. Variations in TG are associated with susceptibility to autoimmune thyroid disease type 3 (AITD3) [MIM:608175]. AITDs including Graves disease (GD) and Hashimoto thyroiditis (HT), are among the most common human autoimmune diseases. They are complex diseases, which are caused by an interaction between susceptibility genes and nongenetic factors, such as infection.
序列相似性	Belongs to the type-B carboxylesterase/lipase family. Contains 11 thyroglobulin type-1 domains.
翻译后修饰	Sulfated tyrosines are desulfated during iodination.
细胞定位	Secreted.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thyroglobulin antibody [1D4] (ab16853)

Immunohistochemistry (Formalin fixed paraffin-embedded sections) analysis of human thyroid tissue labelling Amyloid A Component with ab16853.

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

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