



### Anti-KRT81 antibody [3B10-5B10] ab55407

**2 References**   **3 图像**

#### 概述

产品名称	Anti-KRT81抗体[3B10-5B10]
描述	小鼠单克隆抗体[3B10-5B10] to KRT81
宿主	Mouse
经测试应用	适用于: WB, ICC/IF, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant full length protein, corresponding to amino acids 304-505 of Human KRT81.  <a href="#">Run BLAST with Expasy</a>  <a href="#">Run BLAST with NCBI</a>
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 27/June/2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>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.</p> <p>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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.4
纯度	Tissue culture supernatant
纯化说明	Purified from TCS.
克隆	单克隆
克隆编号	3B10-5B10
同种型	IgG2b
轻链类型	kappa

## 应用

**The Abpromise guarantee** Abpromise™ 承诺保证使用ab55407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
WB		
ICC/IF		
IHC-P		

### 应用说明

WB: Use at a concentration of 1-5 µg/ml.

IF/ICC: Use at a concentration of 10 µg/ml.

IHC-P: Use at a concentration of 3 µg/ml.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## 靶标

### 组织特异性

Abundantly expressed in the differentiating cortex of growing (anagen) hair. Expression is restricted to the keratinocytes of the hair cortex and is absent from inner root sheath and medulla. Expressed in malignant lymph node tissue in breast carcinoma tissue.

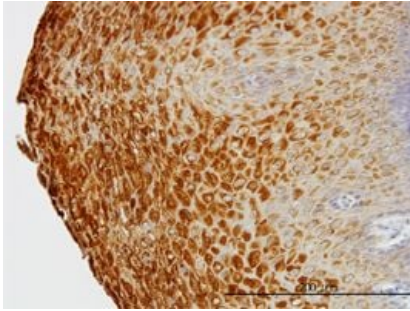
### 疾病相关

Defects in KRT81 are a cause of monilethrix (MLTRX) [MIM:158000]. Monilethrix is an autosomal dominant hair disorder characterized clinically by alopecia and follicular papules. Affected hairs have uniform elliptical nodes of normal thickness and intermittent constrictions, internodes at which the hair easily breaks. Usually only the scalp is involved, but in severe forms, the secondary sexual hair, eyebrows, eyelashes, and nails may also be affected.

### 序列相似性

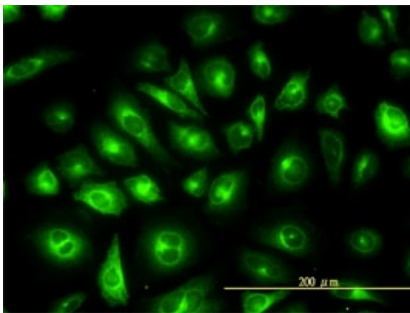
Belongs to the intermediate filament family.

## 图片



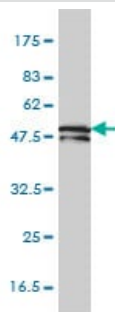
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KRT81 antibody [3B10-5B10] (ab55407)

KRT81 antibody (ab55407) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human esophagus. This was produced using the ascites version of the product.



Immunocytochemistry/ Immunofluorescence - Anti-KRT81 antibody [3B10-5B10] (ab55407)

KRT81 antibody (ab55407) used in immunofluorescence at 10ug/ml on HeLa cells. This was produced using the ascites version of the product.



Western blot - Anti-KRT81 antibody [3B10-5B10] (ab55407)

KRT81 antibody (ab55407) at 1ug/lane + HepG2 cell lysate at 25ug/lane. This was produced using the ascites version of the product.

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

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