

# FITC Anti-Integrin beta 4 antibody [450-9D] ab22486

[3 References](#) [1 图像](#)

### 概述

<b>产品名称</b>	FITC荧光Anti-Integrin beta 4抗体[450-9D]
<b>描述</b>	FITC荧光小鼠单克隆抗体[450-9D] to Integrin beta 4
<b>宿主</b>	Mouse
<b>偶联物</b>	FITC. Ex: 493nm, Em: 528nm
<b>特异性</b>	ab22486 recognises the integrin beta 4 expressed on epithelial cells, Schwann cells and various tumour cell lines.
<b>经测试应用</b>	<b>适用于:</b> IHC-Fr
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Full length native protein (purified) (Human): Purified a6b4 integrin from A431 cells
<b>表位</b>	the epitope is in the extracellular region of Integrin beta 4
<b>阳性对照</b>	Human tonsil
<b>常规说明</b>	<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

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
<b>纯度</b>	Protein G purified
<b>纯化说明</b>	ab22486 has been purified by affinity chromatography on Protein G from tissue culture supernatant.

克隆	单克隆
克隆编号	450-9D
骨髓瘤	Sp2/0
同种型	IgG1

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab22486于以下的经测试应用

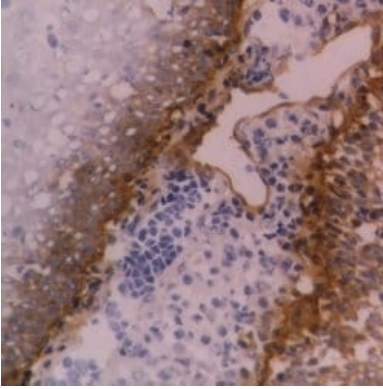
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

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

## 靶标

<b>功能</b>	Integrin alpha-6/beta-4 is a receptor for laminin. It plays a critical structural role in the hemidesmosome of epithelial cells.
<b>组织特异性</b>	Integrin alpha-6/beta-4 is predominantly expressed by epithelia. Isoform beta-4D is also expressed in colon and placenta. Isoform beta-4E is also expressed in epidermis, lung, duodenum, heart, spleen and stomach.
<b>疾病相关</b>	Defects in ITGB4 are a cause of epidermolysis bullosa letalis with pyloric atresia (EB-PA) [MIM:226730]; also known as junctional epidermolysis bullosa with pyloric atresia (PA-JEB) or aplasia cutis congenita with gastrointestinal atresia. EB-PA is an autosomal recessive, frequently lethal, epidermolysis bullosa with variable involvement of skin, nails, mucosa, and with variable effects on the digestive system. It is characterized by mucocutaneous fragility, aplasia cutis congenita, and gastrointestinal atresia, which most commonly affects the pylorus. Pyloric atresia is a primary manifestation rather than a scarring process secondary to epidermolysis bullosa. Defects in ITGB4 are a cause of generalized atrophic benign epidermolysis bullosa (GABEB) [MIM:226650]. GABEB is a non-lethal, adult form of junctional epidermolysis bullosa characterized by life-long blistering of the skin, associated with hair and tooth abnormalities.
<b>序列相似性</b>	Belongs to the integrin beta chain family. Contains 1 Calx-beta domain. Contains 4 fibronectin type-III domains. Contains 1 PSI domain. Contains 1 VWFA domain.
<b>结构域</b>	The fibronectin type-III-like domains bind BPAG1 and plectin and probably also recruit BP230.
<b>细胞定位</b>	Membrane.

## 图片



Immunohistochemistry (Frozen sections) analysis of human tonsil tissue section labeling Integrin beta 4 with ab22486.

Immunohistochemistry (Frozen sections) - FITC  
Anti-Integrin beta 4 antibody [450-9D] (ab22486)

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

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