

### Biotin Anti-Integrin beta 4 antibody [439-9B] ab95584

**2 References**   [1 图像](#)

#### 概述

产品名称	生物素Anti-Integrin beta 4抗体[439-9B]
描述	生物素大鼠单克隆抗体[439-9B] to Integrin beta 4
宿主	Rat
偶联物	Biotin
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Full length protein corresponding to Human Integrin beta 4. Native protein Database link: <a href="#">P16144</a>
阳性对照	Flow Cyt: EDTA treated A549 cell line.
常规说明	<p>ab95584 has been reported to have no effect on adhesion of Human colon adenocarcinoma cells</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. 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: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
Primary antibody说明	ab95584 has been reported to have no effect on adhesion of Human colon adenocarcinoma cells
克隆	单克隆

克隆编号	439-9B
同种型	IgG2b

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab95584于以下的经测试应用

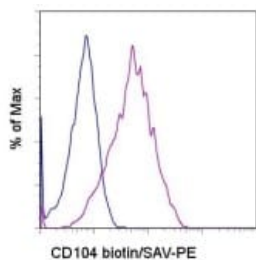
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use 0.25µg for 10 <sup>5-8</sup> cells. <b>ab18542</b> - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

靶标

功能	Integrin alpha-6/beta-4 is a receptor for laminin. It plays a critical structural role in the hemidesmosome of epithelial cells.
组织特异性	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.
疾病相关	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.
序列相似性	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.
结构域	The fibronectin type-III-like domains bind BPAG1 and plectin and probably also recruit BP230.
细胞定位	Membrane.

图片



Flow Cytometry - Biotin Anti-Integrin beta 4 antibody  
[439-9B] (ab95584)

Staining of the A549 cell line with 0.125 µg of Rat IgG2b ? Isotype Control Biotin (open histogram) or 0.125 µg of ab95584 (filled histogram) followed by Streptavidin PE. Total viable cells were used for analysis.

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

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