

Anti-Integrin beta 4 (phospho Y1494) antibody ab29043

[1 References](#) [1 图像](#)

概述

产品名称	Anti-Integrin beta 4 (phospho Y1494)抗体
描述	兔多克隆抗体to Integrin beta 4 (phospho Y1494)
宿主	Rabbit
特异性	ab29043 recognises all three isoforms of Integrin beta 4 phosphorylated at tyrosine 1494 (beta 4A, beta 4B and beta 4C).
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human Integrin beta 4 (phospho Y1494) conjugated to keyhole limpet haemocyanin. Database link: P16144-2
常规说明	<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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.05% Sodium azide Constituents: PBS, 50% Glycerol, 0.1% BSA
纯度	Immunogen affinity purified
纯化说明	ab29043 was cross adsorbed to phospho tyrosine coupled to agarose prior to immunogen affinity purification (without carrier protein).
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab29043 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		1/2000. Predicted molecular weight: 202 kDa. Block the membrane in 5% BSA (fraction V).

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



All lanes : Anti-Integrin beta 4 (phospho Y1494) antibody (ab29043)

Lane 1 : A431 (25 µg/lane) serum starved overnight

Lane 2 : A431 (25 µg/lane) serum treated with pervanadate (1 mM) for 30 min with absence of peptide

Lane 3 : A431 (25 µg/lane) serum treated with pervanadate (1 mM) for 30 min with presence of phospho-integrin-beta4 (Tyr-1494) peptide

Lane 4 : A431 (25 µg/lane) serum treated with pervanadate (1 mM)
for 30 min with presence of phospho-integrin-beta4 (Tyr-1526)
peptide

Predicted band size: 202 kDa

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

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