

Anti-LAMB3 antibody ab97765

1 References [4 图像](#)

概述

产品名称	Anti-LAMB3抗体
描述	兔多克隆抗体to LAMB3
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Recombinant fragment corresponding to Human LAMB3 aa 644-930.
阳性对照	H1299, HeLa, or HepG2 and cell lines. NIH-3T3 and A431 whole cell lysate.
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.00</p> <p>Preservative: 0.025% Proclin 300</p> <p>Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab97765于以下的经测试应用

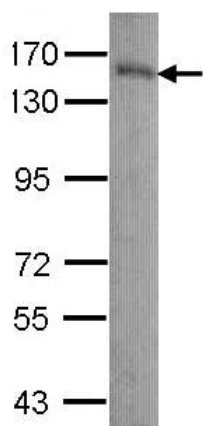
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 130 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Suggested antigen retrieval using heat mediated 10 mM Citrate buffer (pH 6.0) or Tris-EDTA buffer (pH 8.0).
ICC/IF		1/100 - 1/1000.

靶标

功能	Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.
组织特异性	Found in the basement membranes (major component).
疾病相关	<p>Defects in LAMB3 are a cause of epidermolysis bullosa junctional Herlitz type (H-JEB) [MIM:226700]; also known as junctional epidermolysis bullosa Herlitz-Pearson type. JEB defines a group of blistering skin diseases characterized by tissue separation which occurs within the dermo-epidermal basement membrane. H-JEB is a severe, infantile and lethal form. Death occurs usually within the first six months of life. Occasionally, children survive to teens. H-JEB is marked by bullous lesions at birth and extensive denudation of skin and mucous membranes that may be hemorrhagic.</p> <p>Defects in LAMB3 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.</p>
序列相似性	<p>Contains 6 laminin EGF-like domains.</p> <p>Contains 1 laminin N-terminal domain.</p>
结构域	<p>The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure.</p> <p>Domain VI is globular.</p>
细胞定位	Secreted > extracellular space > extracellular matrix > basement membrane.

图片

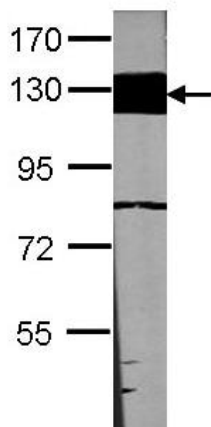


Western blot - Anti-LAMB3 antibody (ab97765)

Anti-LAMB3 antibody (ab97765) at 1/1000 dilution + A431 whole cell lysate at 30 µg

Predicted band size: 130 kDa

7.5% SDS PAGE

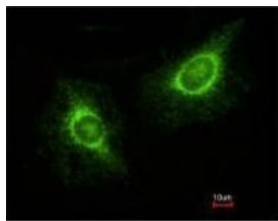


Western blot - Anti-LAMB3 antibody (ab97765)

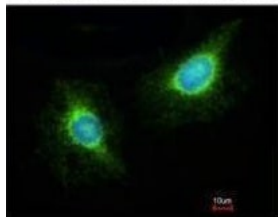
Anti-LAMB3 antibody (ab97765) at 1/1000 dilution + NIH-3T3 whole cell lysate at 30 µg

Predicted band size: 130 kDa

7.5% SDS PAGE

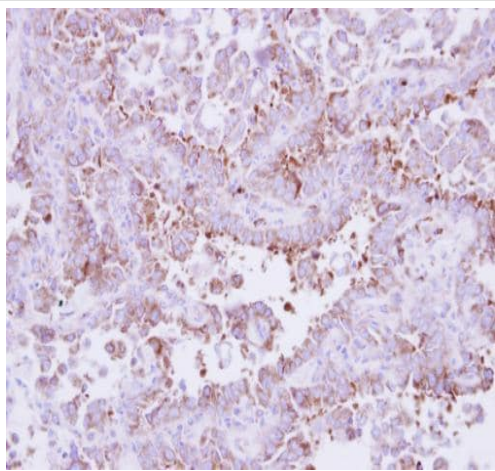


Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed HeLa, using ab97765 at 1:200.

Immunocytochemistry/ Immunofluorescence - Anti-LAMB3 antibody (ab97765)



Immunohistochemical analysis of paraffin-embedded human lung cancer, using ab97765 to detect LAMB3 at 1:250.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LAMB3 antibody (ab97765)

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