

Anti-Podoplanin antibody [8.1.1] ab92319

[5 References](#) [1 图像](#)

概述

产品名称	Anti-Podoplanin抗体[8.1.1]
描述	叙利亚仓鼠单克隆抗体[8.1.1] to Podoplanin
宿主	Syrian hamster
特异性	This antibody is designed to detect podoplanin, which is also referred to as gp38 (mouse and rat) and gp36 (human).
经测试应用	适用于: IHC-Fr
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
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 repeated freeze / thaw cycles.
存储溶液	Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	8.1.1
骨髓瘤	x63-Ag8.653
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab92319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		

应用说明

IHC-Fr: Use at a concentration of 0.5 - 1 µg/ml.
IP: Use at an assay dependent dilution.
WB: Use at an assay dependent dilution. Predicted molecular weight: 25 kDa.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

May be involved in cell migration and/or actin cytoskeleton organization. When expressed in keratinocytes, induces changes in cell morphology with transfected cells showing an elongated shape, numerous membrane protrusions, major reorganization of the actin cytoskeleton, increased motility and decreased cell adhesion. Required for normal lung cell proliferation and alveolus formation at birth. Induces platelet aggregation. Does not have any effect on folic acid or amino acid transport. Does not function as a water channel or as a regulator of aquaporin-type water channels.

组织特异性

Highly expressed in placenta, lung, skeletal muscle and brain. Weakly expressed in brain, kidney and liver. In placenta, expressed on the apical plasma membrane of endothelium. In lung, expressed in alveolar epithelium. Up-regulated in colorectal tumors and expressed in 25% of early oral squamous cell carcinomas.

序列相似性

Belongs to the podoplanin family.

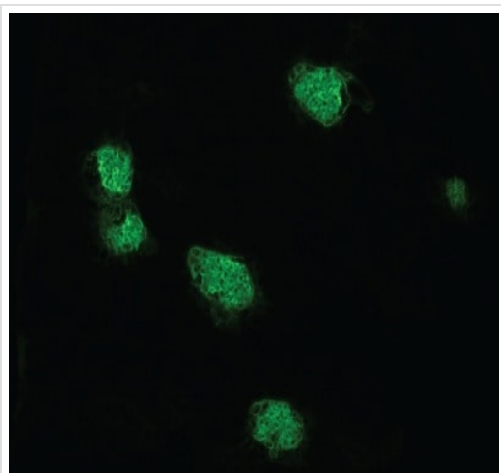
翻译后修饰

Extensively O-glycosylated. Contains sialic acid residues. O-glycosylation is necessary for platelet aggregation activity.
The N-terminus is blocked.

细胞定位

Membrane. Cell projection > filopodium membrane. Cell projection > lamellipodium membrane.
Cell projection > microvillus membrane. Cell projection > ruffle membrane. Localized to actin-rich microvilli and plasma membrane projections such as filopodia, lamellipodia and ruffles.

图片



Immunohistochemistry (Frozen sections) - Syrian hamster monoclonal [8.1.1] to Podoplanin (ab92319)

Frozen section (7.5 micron) of murine kidney were incubated with ab92319 antibody at 1ug/ml and detected with an Alexa Fluor[®]488-conjugated Goat anti-hamster IgG polyclonal used at 1:1000 dilution. Exposure time 500 ms.

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

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