

# Anti-Podoplanin antibody [8.1.1] ab92319

**5 References**   [画像数 1](#)

### 製品の概要

製品名	Anti-Podoplanin antibody [8.1.1]
製品の詳細	Syrian hamster monoclonal [8.1.1] to Podoplanin
由来種	Syrian hamster
特異性	This antibody is designed to detect podoplanin, which is also referred to as gp38 (mouse and rat) and gp36 (human).
アプリケーション	<b>適用あり:</b> IHC-Fr
種交差性	<b>交差種:</b> Mouse
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.1% Sodium azide Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	8.1.1
ミエローマ	x63-Ag8.653
アイソタイプ	IgG1

### アプリケーション

## The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab92319の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr		

### 追加情報

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.

### ターゲット情報

#### 機能

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.

#### 組織特異性

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.

#### 配列類似性

Belongs to the podoplanin family.

#### 翻訳後修飾

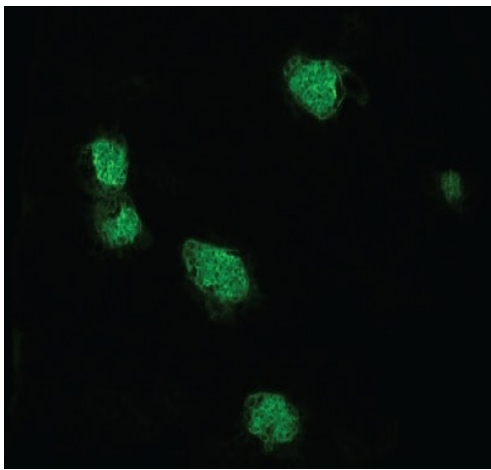
Extensively O-glycosylated. Contains sialic acid residues. O-glycosylation is necessary for platelet aggregation activity.

The N-terminus is blocked.

#### 細胞内局在

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.

### 画像



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.

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

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

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