

# Alexa Fluor® 488 Anti-VE Cadherin antibody [EPR18229] - Intercellular Junction Marker ab225443

リコンビナント **RabMAb**

## 2 References [画像数 2](#)

### 製品の概要

製品名	Alexa Fluor® 488 Anti-VE Cadherin antibody [EPR18229] - Intercellular Junction Marker
製品の詳細	Alexa Fluor® 488 Rabbit monoclonal [EPR18229] to VE Cadherin - Intercellular Junction Marker
由来種	Rabbit
標識	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
アプリケーション	<b>適用あり:</b> ICC/IF
種交差性	<b>交差種:</b> Mouse
免疫原	Recombinant fragment within Mouse VE Cadherin aa 1-300. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b><u>contact</u></b> our Scientific Support team to discuss your requirements. Database link: <b><u>P55284</u></b>

 [Run BLAST with](#)

 [Run BLAST with](#)

ポジティブ・コントロール ICC/IF: bEnd.3 cells

**特記事項** This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Stable for 12 months at -20°C. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR18229
アイソタイプ	IgG

## アプリケーション

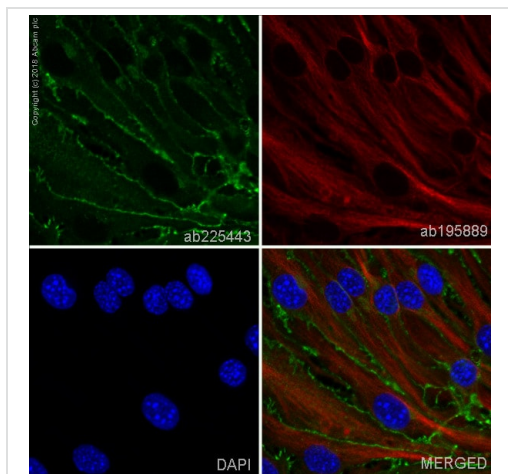
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab225443の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/50. This product gave a positive signal in bEnd.3 cells fixed with 4% formaldehyde (10 min)

## ターゲット情報

機能	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play a important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton.
組織特異性	Endothelial tissues and brain.
配列類似性	Contains 5 cadherin domains.
翻訳後修飾	Phosphorylated on tyrosine residues by KDR/VEGFR-2. Dephosphorylated by PTPRB.
細胞内局在	Cell junction. Cell membrane. Found at cell-cell boundaries and probably at cell-matrix boundaries.

## 画像



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 488 Anti-VE Cadherin antibody [EPR18229] - Intercellular Junction Marker (ab225443)

ab225443 staining VE Cadherin in bEnd.3 cells. The cells were fixed with 4% formaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab225443 at 1/50 dilution (shown in green) and **ab195889**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

#### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

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

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