


# Alexa Fluor® 488 Anti-ROCK2 + ROCK1 antibody [EP786Y] ab205432

リコンビナント **RabMAb**

画像数 3

### 製品の概要

製品名	Alexa Fluor® 488 Anti-ROCK2 + ROCK1 antibody [EP786Y]
製品の詳細	Alexa Fluor® 488 Rabbit monoclonal [EP786Y] to ROCK2 + ROCK1
由来種	Rabbit
標識	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
特異性	This antibody recognizes both the cleaved C-terminus of ROCK 1 (30 kDa) and full length protein (158 kDa). The immunogen used for this product shares 83% homology with ROCK2.
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> Human <b>交差が予測される動物種:</b> Mouse, Rat, Cow 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	ICC/IF: HeLa 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. Avoid freeze / thaw cycle. 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	EP786Y
アイソタイプ	IgG

## アプリケーション

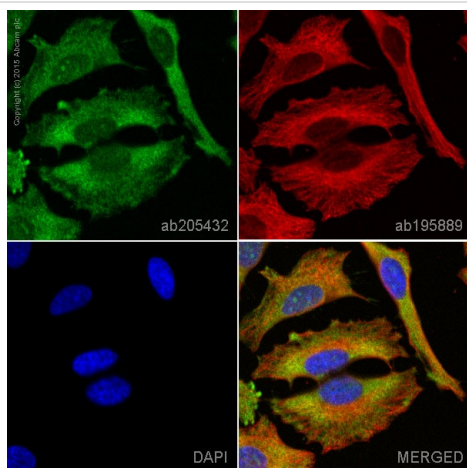
The Abpromise guarantee      **Abpromise保証は、次のテスト済みアプリケーションにおけるab205432の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/50. This product gave a positive signal in HeLa cells fixed with 100% methanol (5 min).

## ターゲット情報

細胞内局在	ROCK2: Cytoplasm. Cell membrane. Cytoplasmic, and associated with actin microfilaments and the plasma membrane. ROCK1: Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Golgi apparatus membrane. Cell projection, bleb. Cytoplasm, cytoskeleton. Cell membrane. Cell projection, lamellipodium. Cell projection, ruffle. Associated with the mother centriole and an intercentriolar linker. Colocalizes with ITGB1BP1 and ITGB1 at the cell membrane predominantly in lamellipodia and membrane ruffles, but also in retraction fibers. Localizes at the cell membrane in an ITGB1BP1-dependent manner (By similarity). A small proportion is associated with Golgi membranes.
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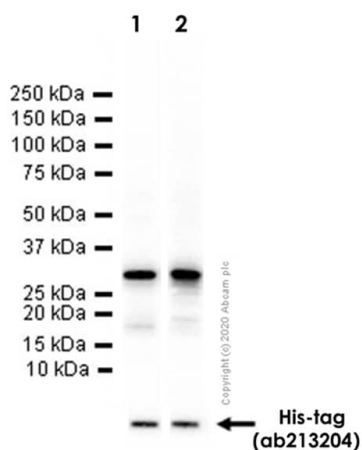
## 画像



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 488 Anti-ROCK2 + ROCK1 antibody [EP786Y] (ab205432)

ab205432 staining ROCK2 + ROCK1 in HeLa cells. The cells were fixed with 100% methanol (5 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 ab205432 at a 1/50 dilution (shown in green) and [ab195889](#), Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at a 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).



Western blot - Alexa Fluor® 488 Anti-ROCK2 + ROCK1 antibody [EP786Y] (ab205432)

**All lanes :** Anti-ROCK2 + ROCK1 antibody [EP786Y] ([ab45171](#)) at 1/1000 dilution

**Lane 1 :** Recombinant Human ROCK1 protein (aa 1114 to 1354) (30 kDa)

**Lane 2 :** Recombinant Human ROCK2 protein (aa 1132 to 1388) (30 kDa)

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Observed band size:** 30 kDa

This data was developed using [ab45171](#), the same antibody clone in a different buffer formulation.

Loading control: Anti-6X His tag® antibody [EPR20547] ([ab213204](#))

Blocking buffer and concentration: 5% NFDM/TBST

Exposure Times:

Lane 1: 3 seconds

Lane 2: 7 seconds

### 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

Alexa Fluor® 488 Anti-ROCK2 + ROCK1 antibody  
[EP786Y] (ab205432)

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

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