abcam

Product datasheet

Alexa Fluor® 647 Anti-Desmoplakin antibody [EPR4383(2)] ab207531

リコンビナント RabMAb

画像数 2

製品の概要

製品名	Alexa Fluor® 647 Anti-Desmoplakin antibody [EPR4383(2)]
製品の詳細	Alexa Fluor® 647 Rabbit monoclonal [EPR4383(2)] to Desmoplakin
由来種	Rabbit
標識	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
アプリケーション	**適用あり:** ICC/IF
種交差性	**交差種:** Human **交差が予測される動物種:** Rat
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: A431 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**. Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or

outlicensing@thermofisher.com.

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: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4383(2)
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ab207531の使用に適用されます

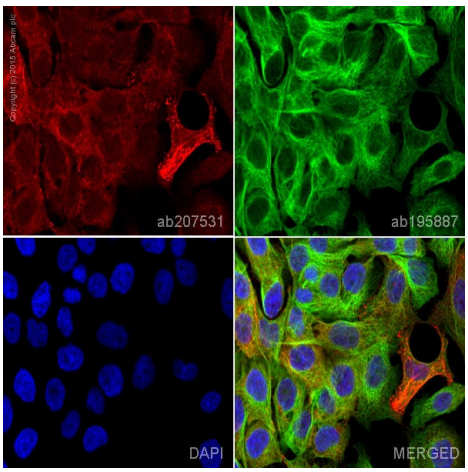
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/50 - 1/100. This product gave a positive signal in A431 cells fixed with 4% formaldehyde (10 min)

ターゲット情報

関連性	Desmosomes are the most common type of intercellular junction in vertebrate epithelial cells. They are characterized by 2 forms of interaction with other cellular structures. First, they form membrane anchorage sites for intermediate-size filaments, which are seen as electron-dense plaques evident beneath the plasma membrane. Second, a specific membrane core domain interacts with a corresponding domain of the plasma membrane of an adjacent cell, apparently mediating intercellular adhesion in a stable way. The desmosome intermediate filament complex is thought to impart tensile strength and resilience to the epithelium. Desmosomal proteins can be divided into 2 groups based on whether they fractionate with the urea-insoluble 'core' or the urea-soluble 'plaque' components. Desmoglein is, for example, a protein of the core. The main proteins of the plaque comprise the desmoplakins and plakoglobin.
細胞内局在	Cell junction, desmosome. Cytoplasm, cytoskeleton.

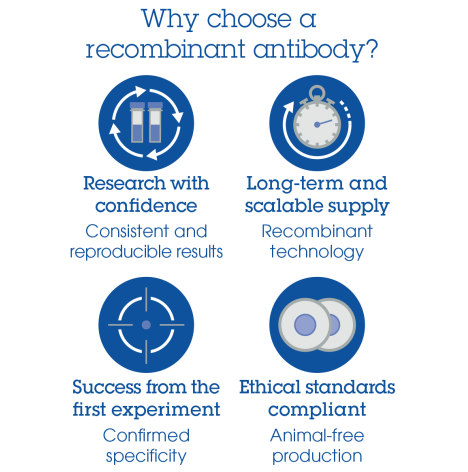
画像



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-Desmoplakin antibody [EPR4383(2)] (ab207531)

ab207531 staining Desmoplakin in A431 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 ab207531 at a 1/50 dilution (shown in red) and **ab195887**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 488), at a 1/250 dilution (shown in green). Nuclear DNA was labelled with DAPI (shown in blue).

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



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