

# Alexa Fluor® 647 Anti-CD151 antibody [11G5a] ab199200

### 画像数 1

#### 製品の概要

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|--------------|--|
| 製品名          | Alexa Fluor® 647 Anti-CD151 antibody [11G5a]   |
| 製品の詳細        | Alexa Fluor® 647 Mouse monoclonal [11G5a] to CD151   |
| 由来種          | Mouse  |
| 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   |
| 免疫原          | The details of the immunogen for this antibody are not available.  |
| ポジティブ・コントロール | ICC/IF: HT1080 cells.  |
| 特記事項         | <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>.</p> <p>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: (i) 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 <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a>.</p> <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

|        |  |
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| 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. Store In the Dark. |
| バッファー  | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA  |
| 精製度    | Immunogen affinity purified  |
| ポリ/モノ  | モノクローナル  |
| クローン名  | 11G5a  |
| ミエローマ  | x63-Ag8.653  |
| アイソタイプ | IgG1   |

## アプリケーション

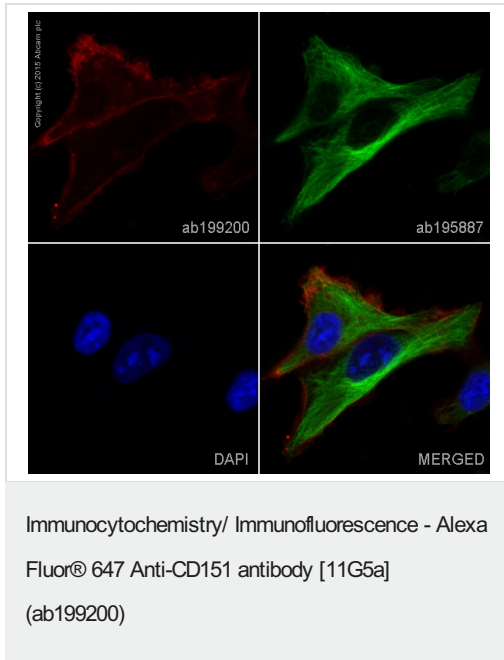
**The Abpromise guarantee**      **Abpromise保証は、次のテスト済みアプリケーションにおけるab199200の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| ICC/IF   |           | 1/250.<br>This product gave a positive signal in HT1080 cells fixed with 100% methanol (5 min). |

## ターゲット情報

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|-------|---|
| 機能    | Essential for the proper assembly of the glomerular and tubular basement membranes in kidney.   |
| 組織特異性 | Expressed in a variety of tissues including vascular endothelium and epidermis. Expressed on erythroid cells, with a higher level of expression in erythroid precursors than on mature erythrocytes.  |
| 関連疾患  | Defects in CD151 are the cause of nephropathy with pretibial epidermolysis bullosa and deafness (NPEBD) [MIM:609057]. NPEBD is characterized by the association of hereditary nephritis, epidermolysis bullosa, deafness, and beta-thalassemia minor. |
| 配列類似性 | Belongs to the tetraspanin (TM4SF) family.  |
| 細胞内局在 | Membrane.   |

## 画像



ab199200 staining CD151 in HT1080 cells. The cells were fixed with 100% methanol (5min), 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 ab199200 at 1/250 dilution (shown in red) and **ab195887**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 488), at 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).

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

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