

Anti-CD151 antibody [11G5a] ab33315

★★★★★ [4 Abreviews](#) [16 References](#) [画像数 3](#)

製品の概要

製品名	Anti-CD151 antibody [11G5a]
製品の詳細	Mouse monoclonal [11G5a] to CD151
由来種	Mouse
アプリケーション	適用あり: ICC/IF, Flow Cyt
種交差性	交差種: Human
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Tonsil/spleen. ICC/IF: Human fibrosarcoma cells. Flow Cyt: Human fibrosarcoma cells.
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</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&As</p>

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.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Some batches contain 6.97% L-Arginine as a stabilizing agent. For lot-specific buffer information, please contact our Scientific Support team.</p>
精製度	Protein G 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

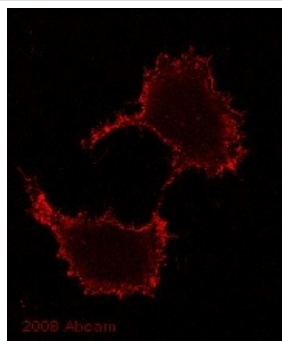
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab33315の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. Use at a concentration of 10 µg/ml for 1 hr.
Flow Cyt	★★★★★ (2)	Use at an assay dependent concentration.

ターゲット情報

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.

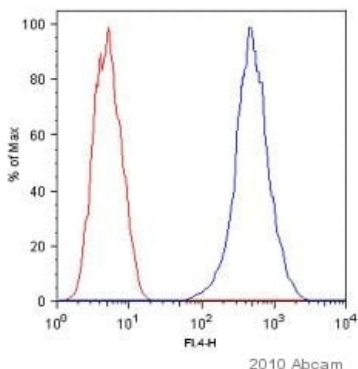
画像



ab33315 staining human fibrosarcoma cells by ICC/IF. Cells were PFA fixed and blocked with 100% Image-iT™ signal enhancer for 30 minutes at 20°C. The primary antibody was used at 10µg/ml concentration and incubated with sample for 1 hour at 25°C. Alexa Fluor®555 conjugated donkey monoclonal to mouse (H+L) was used as the secondary antibody, diluted 1/500.

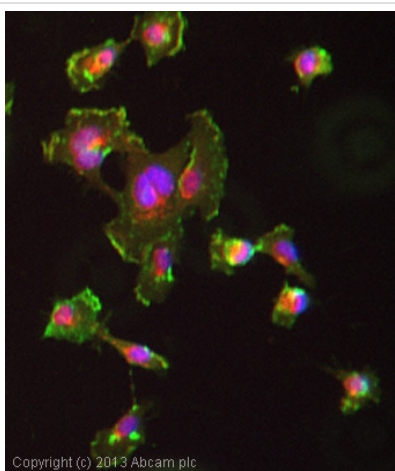
Immunocytochemistry/ Immunofluorescence - Anti-CD151 antibody [11G5a] (ab33315)

This image is courtesy of an anonymous Abreview



Flow Cytometry - Anti-CD151 antibody [11G5a]
(ab33315)

Flow Cytometry analysis of Human Fibrosarcoma cells labelling CD151 with ab33315 at 10 µg/ml for 1 hour at 20°C. Cells were lifted off plastic in PBS/EDTA and fixed with Paraformaldehyde. Donkey anti-mouse APC secondary antibody was used at 5 µg/ml.



Immunocytochemistry/ Immunofluorescence - Anti-
CD151 antibody [11G5a] (ab33315)

ICC/IF image of ab33315 stained HT 1080 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab33315, 5µg/ml) overnight at +4°C. The secondary antibody (green) was [ab96789](#), DyLight® 488 goat anti-mouse IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors