

Anti-CD63 antibody [TS63] - BSA and Azide free ab59479

★★★★★ [4 Abreviews](#) [218 References](#) [画像数 3](#)

製品の概要

製品名	Anti-CD63 antibody [TS63] - BSA and Azide free
製品の詳細	Mouse monoclonal [TS63] to CD63 - BSA and Azide free
由来種	Mouse
特異性	Recognises the LIMP antigen, a 30-60 kda (smear) protein.
アプリケーション	適用あり: ICC, Flow Cyt, IHC-P, WB
種交差性	交差種: Human
免疫原	Tissue, cells or virus corresponding to Human CD63. Jurkat and HEL cell lines.
ポジティブ・コントロール	ICC: A431 cells; IHC-P: Human Skin Melanoma; Flow Cyt: HL60 cells;
特記事項	<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 or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.30 Constituent: 100% PBS
キャリア・フリー	Sterile-filtered through 0.22 µm. Carrier and preservative free はい
精製度	Ion Exchange Chromatography
特記事項(精製)	Sterile-filtered through 0.22 µm and treated to remove endotoxins.
ポリ/モノ	モノクローナル
クローン名	TS63

ミエローマ	P3-X63 Ag8.3
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

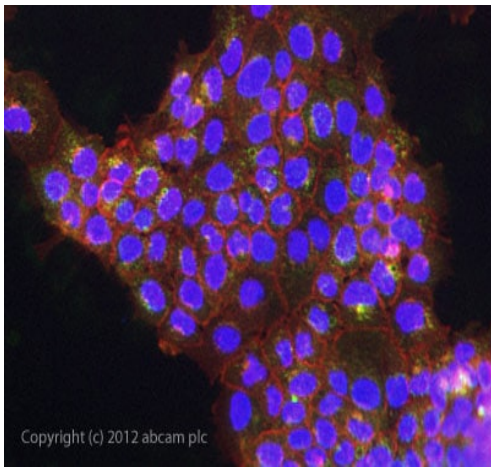
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab59479の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC		Use a concentration of 5 µg/ml.
Flow Cyt		Use 1µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P	★★★★★ (2)	Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use at an assay dependent concentration. Use under non reducing condition. Detects a band of approximately 30-60 kDa (predicted molecular weight: 26 kDa).

ターゲット情報

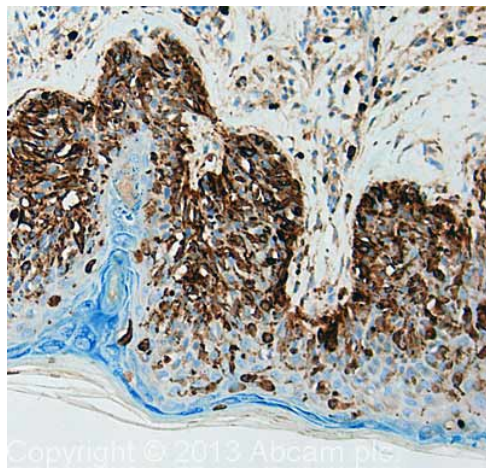
機能	This antigen is associated with early stages of melanoma tumor progression. May play a role in growth regulation.
組織特異性	Dysplastic nevi, radial growth phase primary melanomas, hematopoietic cells, tissue macrophages.
配列類似性	Belongs to the tetraspanin (TM4SF) family.
細胞内局在	Cell membrane. Lysosome membrane. Late endosome membrane. Also found in Weibel-Palade bodies of endothelial cells. Located in platelet dense granules.

画像



Immunocytochemistry - Anti-CD63 antibody [TS63] - BSA and Azide free (ab59479)

ICC image of ab59479 stained A431 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 ab59479 at 5µg/ml overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti- mouse ([ab96879](#)) IgG (H+L) used at a 1/1000 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody [TS63] (ab59479)

IHC image of CD63 staining in Human Skin Melanoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab59479, 5 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

Flow Cytometry - Anti-CD63 antibody [TS63] (ab59479)

Overlay histogram showing HL60 cells stained with ab59479 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by

the antibody (ab59479, 1 µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight®488 goat anti-Mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was Mouse IgG1 [ICIGG1] (**ab91353**, 2 µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in HL60 cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

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