

FITC Anti-CD31 antibody [B-B38] ab27333

6 References [画像数 1](#)

製品の概要

製品名	FITC Anti-CD31 antibody [B-B38]
製品の詳細	FITC Mouse monoclonal [B-B38] to CD31
由来種	Mouse
標識	FITC. Ex: 493nm, Em: 528nm
特異性	This antibody is specific for CD31.
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Human
免疫原	Recombinant full length CD31 protein (Human).
ポジティブ・コントロール	Flow Cyt: Human platelet cells
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 19th June 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</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.
バッファー	pH: 7.30 Preservative: 0.1% Sodium azide Constituents: 94.9% PBS, 5% BSA
精製度	Tissue culture supernatant
特記事項 (精製)	Conjugated from an Affinity purified culture supernatant.
ポリ/モノ	モノクローナル

クローン名	B-B38
ミエローマ	x63-Ag8.653
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ab27333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
Flow Cyt		Use 10µl for 10 ⁶ cells. Use 10 µl to label 10 ⁶ cells or 100 µl of whole blood. ab91356 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

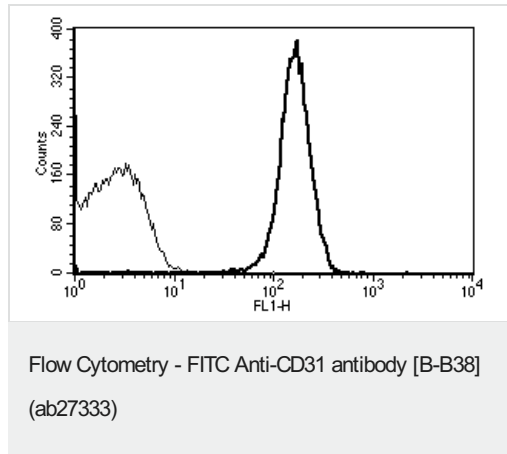
機能	<p>Induces susceptibility to atherosclerosis (By similarity). Cell adhesion molecule which is required for leukocyte transendothelial migration (TEM) under most inflammatory conditions. Tyr-690 plays a critical role in TEM and is required for efficient trafficking of PECAM1 to and from the lateral border recycling compartment (LBRC) and is also essential for the LBRC membrane to be targeted around migrating leukocytes. Prevents phagocyte ingestion of closely apposed viable cells by transmitting 'detachment' signals, and changes function on apoptosis, promoting tethering of dying cells to phagocytes (the encounter of a viable cell with a phagocyte via the homophilic interaction of PECAM1 on both cell surfaces leads to the viable cell's active repulsion from the phagocyte. During apoptosis, the inside-out signaling of PECAM1 is somehow disabled so that the apoptotic cell does not actively reject the phagocyte anymore. The lack of this repulsion signal together with the interaction of the eat-me signals and their respective receptors causes the attachment of the apoptotic cell to the phagocyte, thus triggering the process of engulfment). Isoform Delta15 is unable to protect against apoptosis. Modulates BDKRB2 activation. Regulates bradykinin- and hyperosmotic shock-induced ERK1/2 activation in human umbilical cord vein cells (HUVEC).</p>
組織特異性	<p>Expressed on platelets and leukocytes and is primarily concentrated at the borders between endothelial cells. Isoform Long predominates in all tissues examined. Isoform Delta12 is detected only in trachea. Isoform Delta14-15 is only detected in lung. Isoform Delta14 is detected in all tissues examined with the strongest expression in heart. Isoform Delta15 is expressed in brain, testis, ovary, cell surface of platelets, human umbilical vein endothelial cells (HUVECs), Jurkat T-cell leukemia, human erythroleukemia (HEL) and U937 histiocytic lymphoma cell lines (at protein level).</p>
配列類似性	<p>Contains 6 Ig-like C2-type (immunoglobulin-like) domains.</p>
ドメイン	<p>The Ig-like C2-type domains 2 and 3 contribute to formation of the complex with BDKRB2 and in regulation of its activity.</p>
翻訳後修飾	<p>Phosphorylated on Ser and Tyr residues after cellular activation. In endothelial cells Fyn mediates</p>

mechanical-force (stretch or pull) induced tyrosine phosphorylation.

細胞内局在

Membrane. Cell junction. Localizes to the lateral border recycling compartment (LBRC) and recycles from the LBRC to the junction in resting endothelial cells and Cell junction. Localizes to the lateral border recycling compartment (LBRC) and recycles from the LBRC to the junction in resting endothelial cells.

画像



Flow cytometry analysis staining CD31 in human platelet cells using ab27333.

This image was generated using the ascites version of the product.

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