

FITC Anti-CD31 antibody [B-B38] ab27333

[6 References](#) [1 图像](#)

概述

| | |
|-------|--|
| 产品名称 | FITC荧光Anti-CD31抗体[B-B38] |
| 描述 | FITC荧光小鼠单克隆抗体[B-B38] to CD31 |
| 宿主 | Mouse |
| 偶联物 | FITC. Ex: 493nm, Em: 528nm |
| 特异性 | This antibody is specific for CD31. |
| 经测试应用 | 适用于: Flow Cyt |
| 种属反应性 | 与反应: Human |
| 免疫原 | Recombinant full length CD31 protein (Human). |
| 阳性对照 | Flow Cyt: Human platelet cells |
| 常规说明 | <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> |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C. |
| 存储溶液 | <p>pH: 7.30</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: 94.9% PBS, 5% BSA</p> |
| 纯度 | Tissue culture supernatant |
| 纯化说明 | Conjugated from an Affinity purified culture supernatant. |
| 克隆 | 单克隆 |

| | |
|------|-------------|
| 克隆编号 | B-B38 |
| 骨髓瘤 | x63-Ag8.653 |
| 同种型 | IgG1 |
| 轻链类型 | kappa |

应用

The Abpromise guarantee Abpromise™承诺保证使用ab27333于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----------|------|--|
| 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. |

靶标

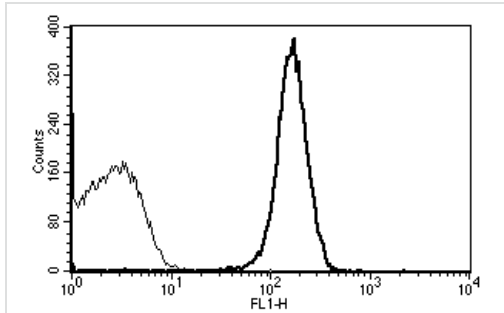
| | |
|-------|--|
| 功能 | <p>Induces susceptibility to atherosclerosis (By similarity). Cell adhesion molecule which is required for leukocyte transendothelial migration (TEM) under most inflammatory conditions. Tyr-690 plays a critical role in TEM and is required for efficient trafficking of PECAM1 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> |
| 组织特异性 | <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> |
| 序列相似性 | <p>Contains 6 Ig-like C2-type (immunoglobulin-like) domains.</p> |
| 结构域 | <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> |
| 翻译后修饰 | <p>Phosphorylated on Ser and Tyr residues after cellular activation. In endothelial cells Fyn mediates</p> |

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

细胞定位

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.

图片



Flow Cytometry - FITC Anti-CD31 antibody [B-B38]
(ab27333)

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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