

Product datasheet

Anti-Integrin alpha 4 antibody [R1-2] (FITC) ab112469

概述

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| 产品名称 | Anti-Integrin alpha 4抗体[R1-2] (FITC) |
| 描述 | 大鼠单克隆抗体[R1-2] to Integrin alpha 4 (FITC) |
| 宿主 | Rat |
| 偶联物 | FITC. Ex: 493nm, Em: 528nm |
| 经测试应用 | 适用于: IP, Flow Cyt |
| 种属反应性 | 与反应: Mouse |
| 免疫原 | Peyers Patch HEV binding lymphoma line (TK1). |
| 阳性对照 | Mouse thymus, spleen and Bone marrow cells (BALB/c, C57BL/6, C3H/He, CBA/J, AKR strains), TK1 cell line cells. |

性能

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|------|-----------------------------------------------------------------------|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C. |
| 存储溶液 | Preservative: 0.02% Sodium azide Constituents: 98% PBS, BSA |
| 纯度 | Protein G purified |
| 纯化说明 | ab112469 is purified from ascitic fluid via Protein G Chromatography. |
| 克隆 | 单克隆 |
| 克隆编号 | R1-2 |
| 骨髓瘤 | P3x63-Ag8.653 |
| 同种型 | IgG2b |

应用

Our [Abpromise guarantee](#) covers the use of **ab112469** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|----|------|------------------------------------------|
| IP | | Use at an assay dependent concentration. |

| 应用 | Ab评论 | 说明 |
|----------|------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Flow Cyt | | Use 1µg for 10 ⁶ cells. ab136125 -Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody. |

靶标

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| 功能 | Integrins alpha-4/beta-1 (VLA-4) and alpha-4/beta-7 are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. Integrin alpha-4/beta-1 recognizes the sequence Q-I-D-S in VCAM1. Integrin alpha-4/beta-7 is also a receptor for MADCAM1. It recognizes the sequence L-D-T in MADCAM1. On activated endothelial cells integrin VLA-4 triggers homotypic aggregation for most VLA-4-positive leukocyte cell lines. It may also participate in cytolytic T-cell interactions with target cells. |
| 序列相似性 | Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. |
| 结构域 | The SG1 motif is involved in binding to chondroitin sulfate glycosaminoglycan and cell adhesion. |
| 翻译后修饰 | Phosphorylation on Ser-1027 inhibits PXN binding. |
| 细胞定位 | Membrane. |

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