

Product datasheet

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

概述

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)
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

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

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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