

## 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)
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

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 <sup>6</sup> cells. <a href="#">ab136125</a> - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

## 靶标

<b>功能</b>	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.
<b>序列相似性</b>	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats.
<b>结构域</b>	The SG1 motif is involved in binding to chondroitin sulfate glycosaminoglycan and cell adhesion.
<b>翻译后修饰</b>	Phosphorylation on Ser-1027 inhibits PXN binding.
<b>细胞定位</b>	Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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