

Product datasheet

Anti-Integrin alpha 4/CD49D antibody [44H6] (FITC) ab221

1 References [画像数 1](#)

製品の概要

<b>製品名</b>	Anti-Integrin alpha 4/CD49D antibody [44H6] (FITC)
<b>製品の詳細</b>	Mouse monoclonal [44H6] to Integrin alpha 4/CD49D (FITC)
<b>由来種</b>	Mouse
<b>標識</b>	FITC. Ex: 493nm, Em: 528nm
<b>特異性</b>	44H6 recognises the alpha chain of VLA 4. It reacts with ALL and AML cells, T-cells, B-cells and monocytes. No reactivity is observed in human kidney or brain sections. 44H6 will induce homotypic aggregation.
<b>アプリケーション</b>	<b>適用あり:</b> Flow Cyt
<b>種交差性</b>	<b>交差種:</b> Human
<b>免疫原</b>	HOON pre-B leukaemia cell line
<b>特記事項</b>	Purified IgG conjugated to Fluorescein Isothiocyanite Isomer 1 (FITC). FITC : Protein (molar ratio): 5.6 : 1.0.  This product was previously labelled as Integrin alpha 4

製品の特性

<b>製品の状態</b>	Liquid
<b>保存方法</b>	Shipped at 4°C. Store at +4°C.
<b>バッファー</b>	Preservative: 0.1% Sodium azide Constituent: PBS
<b>精製度</b>	Protein A purified
<b>特記事項 (精製)</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>ポリ/モノ</b>	モノクローナル
<b>クローン名</b>	44H6
<b>ミエローマ</b>	Sp2/0-Ag14
<b>アイソタイプ</b>	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab221** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
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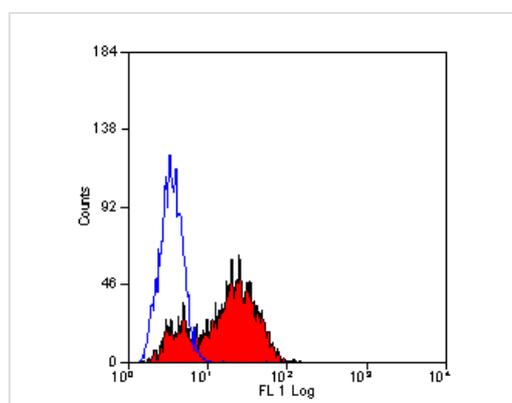
Flow Cyt		Use 10 $\mu$ l for 10 <sup>6</sup> cells. or 100 $\mu$ l whole blood.
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[ab91356](#) - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## ターゲット情報

機能	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.
配列類似性	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats.
ドメイン	The SG1 motif is involved in binding to chondroitin sulfate glycosaminoglycan and cell adhesion.
翻訳後修飾	Phosphorylation on Ser-1027 inhibits PXN binding.
細胞内局在	Membrane.

## 画像



ab221 staining Integrin alpha 4/CD49D (FITC) in human peripheral blood lymphocytes by Flow Cytometry analysis.

Flow Cytometry - Anti-Integrin alpha 4/CD49D  
antibody [44H6] (FITC) (ab221)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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