

Anti-Integrin alpha 4/CD49D (phospho S988) antibody [EPR2343] ab75760

 **RabMAb**

★★★★★ **1 Abreviews** **1 References** **4 图像**

概述

产品名称	Anti-Integrin alpha 4/CD49D (phospho S988)抗体[EPR2343]
描述	兔单克隆抗体[EPR2343] to Integrin alpha 4/CD49D (phospho S988)
宿主	Rabbit
特异性	<p>ab75760 only detects Integrin alpha 4/CD49D phosphorylated on Serine 988 of the mature protein. S988 corresponds to S1021 of the sequence with the 33 aa signal peptide and S1027 of the precursor shown in Figure 4 of PMID: 8436405.</p> <p>The antibody detects the mature chain (180 kDa), the precursor (140 kDa) and the cleaved C terminal (70 kDa).</p>

经测试应用

适用于: WB
不适用于: ICC/IF or IHC-P

种属反应性

与反应: Mouse, Rat, Human

免疫原

Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

阳性对照

THP1 cell lysates

常规说明

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.

存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR2343
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab75760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
WB	★★★★★ (1)	1/500 - 1/2000. Predicted molecular weight: 150 kDa.

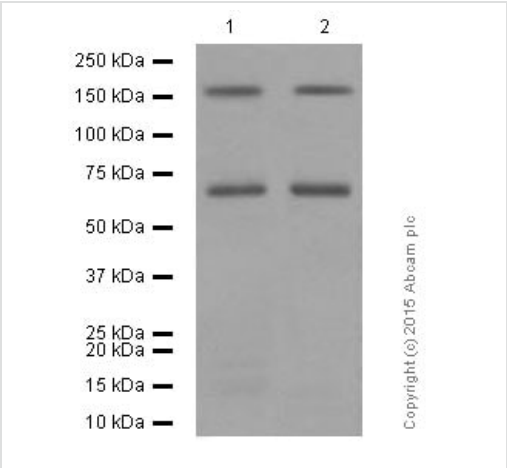
应用说明

Is unsuitable for ICC/IF or IHC-P.

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.

图片



Western blot - Anti-Integrin alpha 4/CD49D (phospho S988) antibody [EPR2343] (ab75760)

All lanes : Anti-Integrin alpha 4/CD49D (phospho S988) antibody [EPR2343] (ab75760) at 1/1000 dilution (purified)

Lane 1 : Rat spleen tissue lysate

Lane 2 : Mouse spleen tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

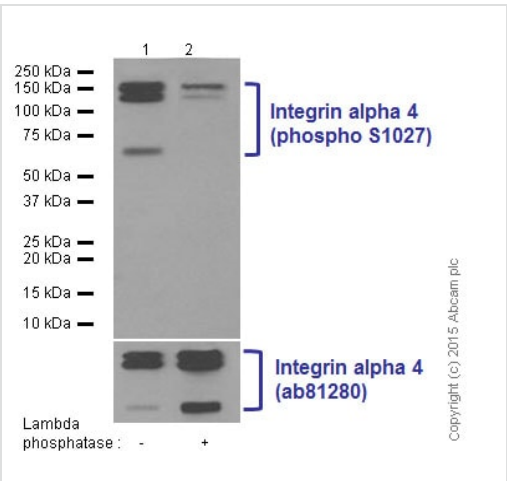
All lanes : HRP goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 150 kDa

Observed band size: 150,70 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-Integrin alpha 4/CD49D (phospho S988) antibody [EPR2343] (ab75760)

All lanes : Anti-Integrin alpha 4/CD49D (phospho S988) antibody [EPR2343] (ab75760) at 1/5000 dilution (purified)

Lane 1 : untreated Jurkat lysate

Lane 2 : Jurkat cell lysate treated with Lambda phosphatase

Lysates/proteins at 10 µg per lane.

Secondary

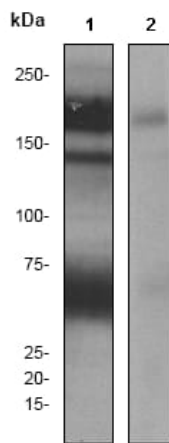
All lanes : HRP goat anti-rabbit IgG (H+L) at 1/50000 dilution

Predicted band size: 150 kDa

Observed band size: 140,150,70 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-Integrin alpha 4/CD49D (phospho S988) antibody [EPR2343] (ab75760)

All lanes : Anti-Integrin alpha 4/CD49D (phospho S988) antibody [EPR2343] (ab75760) at 1/2000 dilution

Lane 1 : THP1 cell lysates, untreated

Lane 2 : THP1 cell lysates, with Lambda Phosphatase

Lysates/proteins at 10 µg per lane.

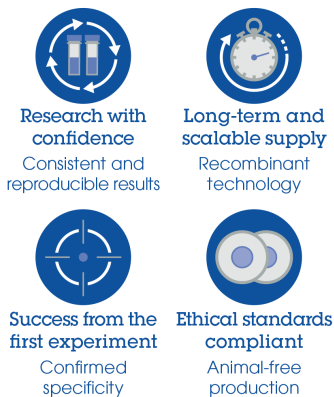
Secondary

All lanes : goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 150 kDa

Observed band size: 140,180,70 kDa

Why choose a recombinant antibody?



Anti-Integrin alpha 4/CD49D (phospho S988) antibody [EPR2343] (ab75760)

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

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