

Product datasheet

Anti-Integrin alpha 4 antibody ab76975

製品の概要

製品名	Anti-Integrin alpha 4 antibody
製品の詳細	Rabbit polyclonal to Integrin alpha 4
由来種	Rabbit
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Mouse, Rat, Human
免疫原	A 13 amino acid peptide from near the carboxy terminus of human Integrin alpha 4.
ポジティブ・コントロール	Jurkat cell lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: PBS
精製度	Immunogen affinity purified
特記事項 (精製)	Affinity chromatography purified via peptide column.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab76975** 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
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 115 kDa.
ELISA		Use at an assay dependent dilution.

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.

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