

## 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                                             |
| アプリケーション     | <b>適用あり:</b> WB, ELISA                                                            |
| 種交差性         | <b>交差種:</b> 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<br>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

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

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

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