

Anti-Integrin alpha 6 antibody [GoH3] ab105669

★★★★★ [6 Abreviews](#) [14 References](#) [画像数 1](#)

製品の概要

| | |
|----------|---|
| 製品名 | Anti-Integrin alpha 6 antibody [GoH3] |
| 製品の詳細 | Rat monoclonal [GoH3] to Integrin alpha 6 |
| 由来種 | Rat |
| アプリケーション | 適用あり: Flow Cyt |
| 種交差性 | 交差種: Human |
| 免疫原 | Tissue, cells or virus corresponding to Integrin alpha 6. Mouse mammary tumor cells |
| 特記事項 | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

製品の特性

| | |
|--------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| バッファー | <p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: PBS</p> |
| 精製度 | Immunogen affinity purified |
| ポリ/モノ | モノクローナル |
| クローン名 | GoH3 |
| アイソタイプ | IgG2a |
| 軽鎖の種類 | kappa |

アプリケーション

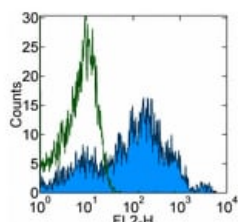
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 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| Flow Cyt | | Use at an assay dependent concentration. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 105 to 108 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest. |

ターゲット情報

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| 機能 | Integrin alpha-6/beta-1 is a receptor for laminin on platelets. Integrin alpha-6/beta-4 is a receptor for laminin in epithelial cells and it plays a critical structural role in the hemidesmosome (By similarity). ITGA6:ITGB4 binds to NRG1 (via EGF domain) and this binding is essential for NRG1-ERBB signaling (PubMed:20682778). ITGA6:ITGB4 binds to IGF1 and this binding is essential for IGF1 signaling (PubMed:22351760). |
| 組織特異性 | Integrin alpha-6/beta-4 is predominantly expressed by epithelia. Isoforms containing segment X1 are ubiquitously expressed. Isoforms containing segment X1X2 are expressed in heart, kidney, placenta, colon, duodenum, myoblasts and myotubes, and in a limited number of cell lines; they are always coexpressed with the ubiquitous isoform containing segment X1. In some tissues (e.g. Salivary gland), isoforms containing cytoplasmic segment A and isoforms containing segment B are detected while in others, only isoforms containing one cytoplasmic segment are found (segment A in epidermis and segment B in kidney). |
| 関連疾患 | Epidermolysis bullosa letalis, with pyloric atresia |
| 配列類似性 | Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. |
| 翻訳後修飾 | Isoforms containing segment A, but not segment B, are the major targets for PMA-induced phosphorylation. Phosphorylation occurs on 'Ser-1103' of isoform alpha-6X1X2A. Phosphorylation is not required for the induction of integrin alpha-6A/beta-1 high affinity but may reduce the affinity for ligand. In invasive prostate cancer ITGA6 undergoes PLAU-mediated cleavage at residues Arg-634-635-Arg in a time-dependent manner enhancing cell invasion and migration in vitro. Palmitoylation by DHHC3 enhances stability and cell surface expression. |
| 細胞内局在 | Cell membrane. Cell membrane. |

画像



Staining of normal human peripheral blood cells with 0.25 ug of Rat IgG2a Isotype Control Purified (open histogram) or 0.25 ug of Anti-Human/Mouse CD49f (Integrin alpha 6) Purified (filled histogram) followed by Anti-Rat IgG PE Cells in the lymphocyte gate were used for analysis

Flow Cytometry - Anti-Integrin alpha 6 antibody
[GoH3] (ab105669)

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