

Anti-CD105 antibody [105C02] ab44967

KO 評価済

★★★★☆ [2 Abreviews](#) [12 References](#) [画像数 1](#)

製品の概要

| | |
|----------|---|
| 製品名 | Anti-CD105 antibody [105C02] |
| 製品の詳細 | Mouse monoclonal [105C02] to CD105 |
| 由来種 | Mouse |
| アプリケーション | 適用あり: WB |
| 種交差性 | 交差種: Human |
| 免疫原 | Full length protein corresponding to CD105. Purified GP160 from cell membrane glycoproteins of fresh non-T/non-B acute lymphoblastic leukemia 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 | pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS |
| 精製度 | Protein G purified |
| ポリ/モノ | モノクローナル |
| クローン名 | 105C02 |
| アイソタイプ | IgG1 |

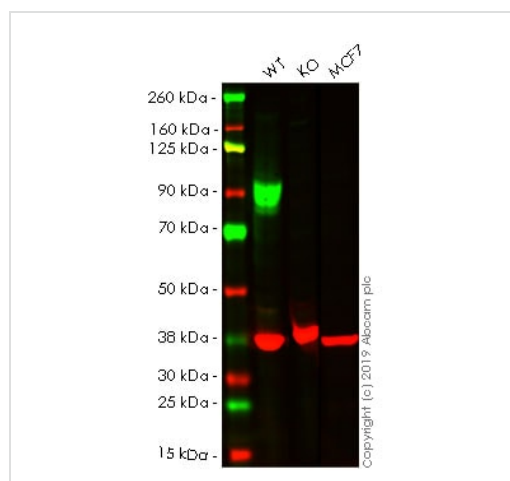
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab44967の使用に適用されず
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| WB | | 1/1000. Detects a band of approximately 95 kDa. |

ターゲット情報

| | |
|--------------|---|
| 機能 | Major glycoprotein of vascular endothelium. May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors. |
| 組織特異性 | Endoglin is restricted to endothelial cells in all tissues except bone marrow. |
| 関連疾患 | Defects in ENG are the cause of hereditary hemorrhagic telangiectasia type 1 (HHT1) [MIM:187300, 108010]; also known as Osler-Rendu-Weber syndrome 1 (ORW1). HHT1 is an autosomal dominant multisystemic vascular dysplasia, characterized by recurrent epistaxis, muco-cutaneous telangiectases, gastro-intestinal hemorrhage, and pulmonary (PAVM), cerebral (CAVM) and hepatic arteriovenous malformations; all secondary manifestations of the underlying vascular dysplasia. Although the first symptom of HHT1 in children is generally nose bleed, there is an important clinical heterogeneity. |
| 細胞内局在 | Membrane. |

画像



Western blot - Anti-CD105 antibody [105C02] (ab44967)

All lanes : Anti-CD105 antibody [105C02] (ab44967) at 1/1000 dilution

Lane 1 : Wild-type HeLa whole cell lysate

Lane 2 : CD105 knockout HeLa whole cell lysate

Lane 3 : MCF7 whole cell lysate

Lysates/proteins at 20 µg per lane.

Observed band size: 95 kDa

Lanes 1 - 3: Merged signal (red and green). Green - ab44967 observed at 95 kDa. Red - loading control, **ab181602**, observed at 37 kDa.

ab44967 was shown to specifically react with CD105 in wild-type HeLa cells as signal was lost in CD105 knockout cells. Wild-type and CD105 knockout samples were subjected to SDS-PAGE. ab44967 and **ab181602** (Rabbit anti GAPDH loading control) were

incubated overnight at 4°C at 1/1000 dilution and 1/20000 dilution respectively. Blots were developed with Goat anti-Mouse IgG H&L (IRDye® 800CW) preabsorbed **ab216772** and Goat anti-Rabbit IgG H&L (IRDye® 680RD) preabsorbed **ab216777** secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors