

### 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&amp;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: 7.40</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: PBS</p>
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

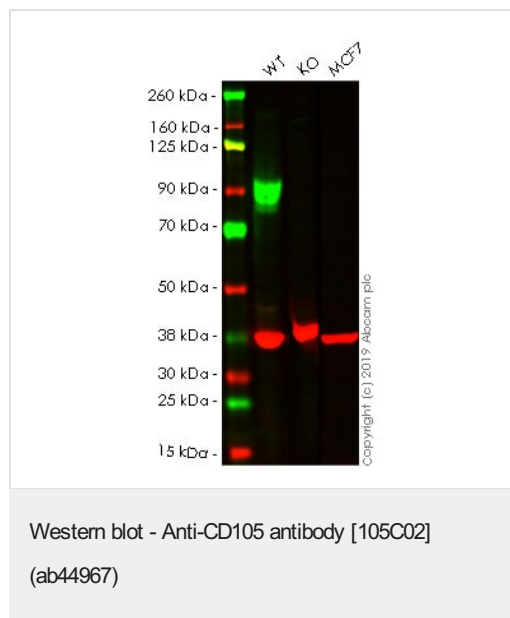
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab44967の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

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



**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"

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