

Anti-CD105 antibody [105C02] ab44967



★★★★☆ 2 Abreviews 12 References 1 图像

概述

产品名称	Anti-CD105抗体[105C02]
描述	小鼠单克隆抗体[105C02] to CD105
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: 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.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	105C02
同种型	IgG1

The Abpromise guarantee **Abpromise™**承诺保证使用ab44967于以下的经测试应用

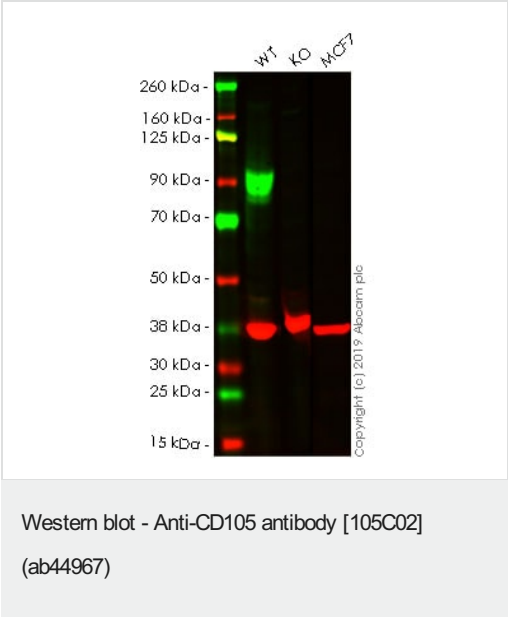
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 95 kDa.

靶标

功能	Major glycoprotein of vascular endothelium. May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors.
组织特异性	Endoglin is restricted to endothelial cells in all tissues except bone marrow.
疾病相关	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.
细胞定位	Membrane.

图片



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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