


Anti-CD27 antibody [EPR8568] ab133761

敲除验证
重组
RabMAb

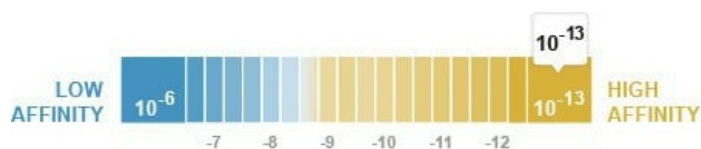
5 图像

概述

产品名称	Anti-CD27抗体[EPR8568]
描述	兔单克隆抗体[EPR8568] to CD27
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF 不适用于: IHC-P or IP
种属反应性	与反应: Human 预测可用于: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Raji and Ramos cell lysates; Ramos cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
解离常数 (K_D)	K _D = 7.60 x 10 ⁻¹³ M



[Learn more about K_D](#)

存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR8568
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab133761 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。

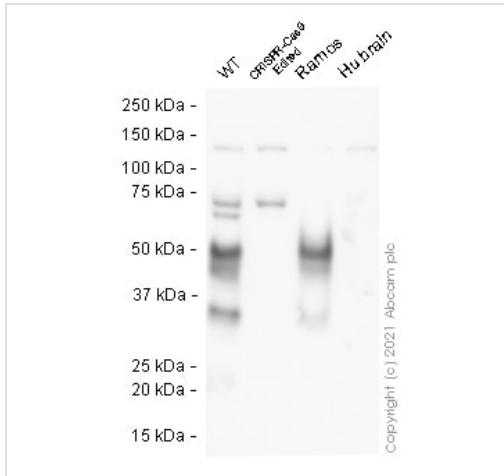
应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 55 kDa (predicted molecular weight: 29 kDa).
ICC/IF		1/50 - 1/100.

应用说明 Is unsuitable for IHC-P or IP.

靶标

功能	Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SMA1.
组织特异性	Found in most T-lymphocytes.
序列相似性	Contains 3 TNFR-Cys repeats.
翻译后修饰	Phosphorylated and O-glycosylated.
细胞定位	Membrane.

图片



Western blot - Anti-CD27 antibody [EPR8568] (ab133761)

All lanes : Anti-CD27 antibody [EPR8568] (ab133761) at 1/1000 dilution

Lane 1 : Wild-type Raji cell lysate

Lane 2 : CD27 knockout Raji cell lysate

Lane 3 : Ramos cell lysate

Lane 4 : Human Brain tissue lysate

Lysates/proteins at 20 µg per lane.

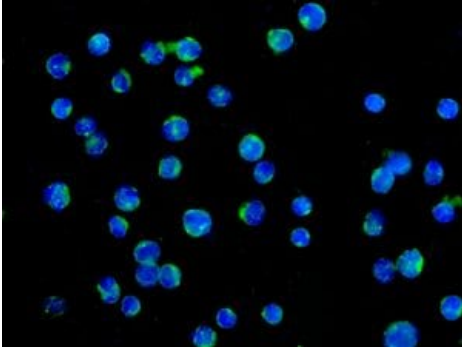
Performed under reducing conditions.

Predicted band size: 29 kDa

Observed band size: 50 kDa

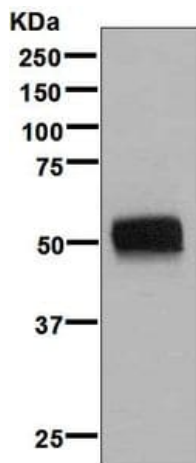
Exposure time: 2 minutes

ab133761 was shown to react with CD27 in wild-type Raji cells in western blot. Loss of signal was observed when CD27 knockout cell line **ab274910** (knockout cell lysate **ab281360**) was used. Membranes were blocked in 3 % milk in TBS-T (0.1 % Tween®) before incubation with ab133761 overnight at 4 °C at a 1 in 1000 dilution. Blots were incubated with HRP conjugated Goat anti-Rabbit (H+L) secondary antibody at 1 in 5000 for 1 hour at room temperature before development with Optiblot ECL reagent (**ab133456**) and imaging.



Immunofluorescent staining of CD27 in Ramos cells, using ab133761 at a 1/50 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-CD27 antibody [EPR8568] (ab133761)



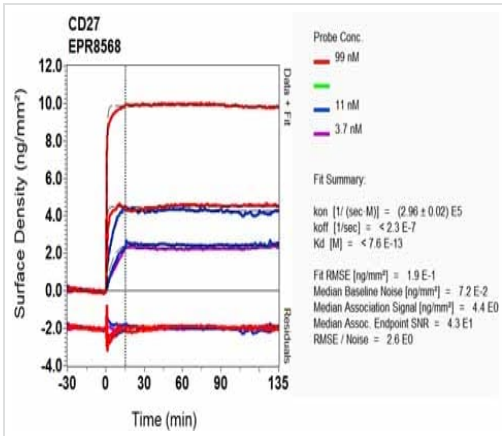
Anti-CD27 antibody [EPR8568] (ab133761) at 1/1000 dilution + Ramos cell lysate at 10 μ g

Secondary

Goat anti-rabbit HRP conjugated antibody at 1/2000 dilution

Predicted band size: 29 kDa

Western blot - Anti-CD27 antibody [EPR8568] (ab133761)



OI-RD Scanning - Anti-CD27 antibody [EPR8568]
(ab133761)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CD27 antibody [EPR8568] (ab133761)

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.cn/abpromise> or contact our technical team.

Terms and conditions

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