

Anti-TIE1 antibody [8C9] ab27851

5 References **2 图像**

概述

产品名称	Anti-TIE1 抗体[8C9]
描述	小鼠单克隆抗体[8C9] to TIE1
宿主	Mouse
经测试应用	适用于: WB, Flow Cyt
种属反应性	与反应: Human, Recombinant fragment
免疫原	Recombinant fragment corresponding to Human TIE1. Recombinant human soluble extracellular TIE1. Database link: P35590
阳性对照	Flow Cyt: K562 (Human chronic myelogenous leukemia lymphoblast cell line) whole cell lysate WB: Recombinant human soluble TIE1
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). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Constituent: PBS
纯度	Protein G purified
纯化说明	This antibody was purified from cell culture supernatant by chromatography.
克隆	单克隆
克隆编号	8C9
同种型	IgG1

The Abpromise guarantee **Abpromise™**承诺保证使用ab27851于以下的经测试应用

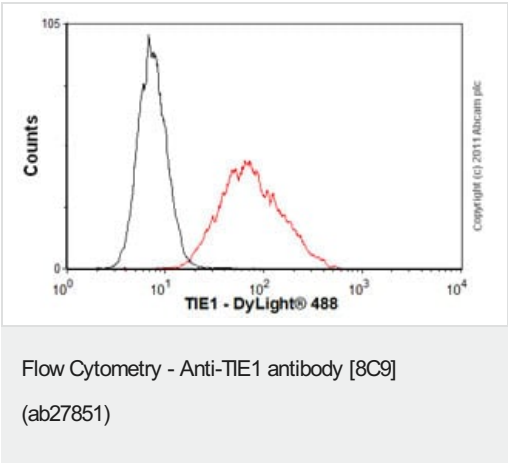
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 200000 - 500000 µg/ml. Predicted molecular weight: 125 kDa.
Flow Cyt		Use 1µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

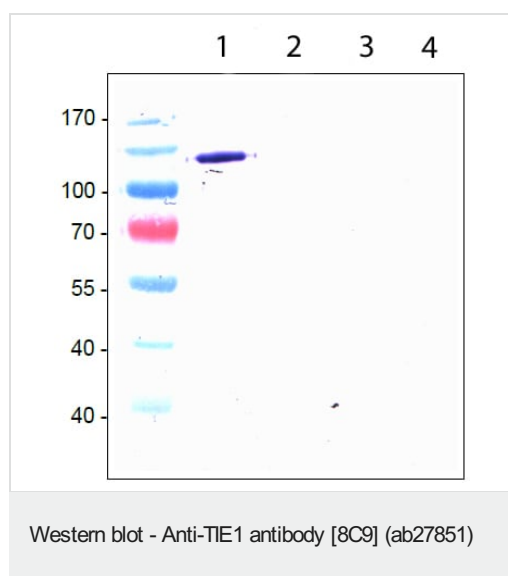
靶标

功能	Transmembrane tyrosine-protein kinase that may modulate TEK/TIE2 activity and contribute to the regulation of angiogenesis.
组织特异性	Specifically expressed in developing vascular endothelial cells.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. Tie subfamily. Contains 3 EGF-like domains. Contains 3 fibronectin type-III domains. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
翻译后修饰	Phosphorylated on tyrosine residues in response to ANGPT1, most likely by TEK/TIE2.
细胞定位	Cell membrane.

图片



Overlay histogram showing K562 cells stained with ab27851 (red line). The cells were fixed with 80% methanol (5 min) and then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab27851, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in K562 cells fixed with 4% paraformaldehyde (10 min) used under the same conditions. Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.



All lanes : Anti-TIE1 antibody [8C9] (ab27851)

Lane 1 : Recombinant human soluble TIE1

Lane 2 : Recombinant human soluble TIE2

Lane 3 : Recombinant mouse soluble TIE1

Lane 4 : Recombinant mouse soluble TIE2

Predicted band size: 125 kDa

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

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