abcam

Product datasheet

Anti-DOK1 antibody [EPR3228(2)] ab155947

重组 RabMAb

3 图像

概述

产品名称	Anti-DOK1抗体[EPR3228(2)]
描述	兔单克隆抗体[EPR3228(2)] to DOK1
宿主	Rabbit
经测试应用	**适用于:** WB, ICC/IF **不适用于:** Flow Cyt,IHC-P or IP
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HuT-78, K562 and Jurkat cell lysates; K562 cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20ºC.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR3228(2)

同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab155947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。

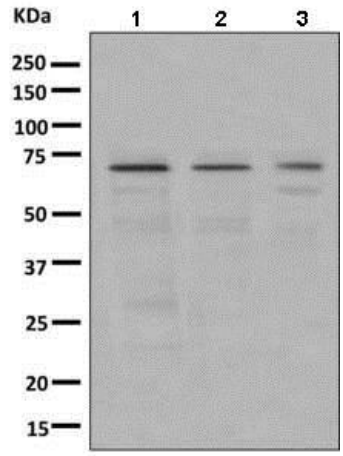
应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 52 kDa.
ICC/IF		1/250 - 1/500.

应用说明 Is unsuitable for Flow Cyt,IHC-P or IP.

靶标

功能	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.
组织特异性	Expressed in pancreas, heart, leukocyte and spleen. Expressed in both resting and activated peripheral blood T-cells.
序列相似性	Belongs to the DOK family. Type A subfamily. Contains 1 IRS-type PTB domain. Contains 1 PH domain.
结构域	The PTB domain mediates receptor interaction.
翻译后修饰	Constitutively tyrosine-phosphorylated. Phosphorylated on tyrosine residues by the insulin receptor kinase. Results in the negative regulation of the insulin signaling pathway.
细胞定位	Cytoplasm and Cytoplasm > perinuclear region.

图片



Western blot - Anti-DOK1 antibody [EPR3228(2)] (ab155947)

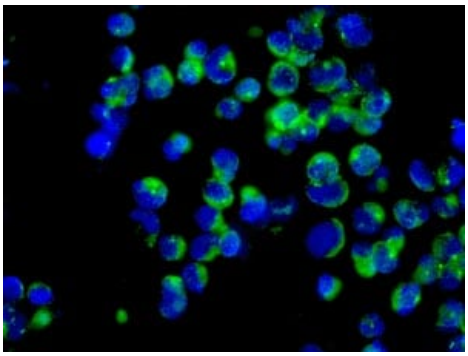
All lanes : Anti-DOK1 antibody [EPR3228(2)] (ab155947) at 1/1000 dilution

Lane 1 : HuT-78 cell lysate
Lane 2 : K562 cell lysate
Lane 3 : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 52 kDa



Immunocytochemistry/ Immunofluorescence - Anti-DOK1 antibody [EPR3228(2)] (ab155947)

Immunofluorescent analysis of K562 cells labeling DOK1 with ab155947 at 1/250 dilution.

Anti-DOK1 antibody [EPR3228(2)] (ab155947)

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