

Anti-PKC delta (phospho T507) antibody [EPR1485Y] ab53295

重组 RabMAb

★★★★★ **1 Abreviews** **1 References** **3 图像**

概述

产品名称	Anti-PKC delta (phospho T507)抗体[EPR1485Y]
描述	兔单克隆抗体[EPR1485Y] to PKC delta (phospho T507)
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human PKC delta (phospho T507). The exact sequence is proprietary.
阳性对照	U937 cell lysate treated with TPA WB: active human PKC delta recombinant protein
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
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EPR1485Y

同种型IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab53295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)	1/1000 - 1/5000. Detects a band of approximately 77 kDa (predicted molecular weight: 77 kDa).

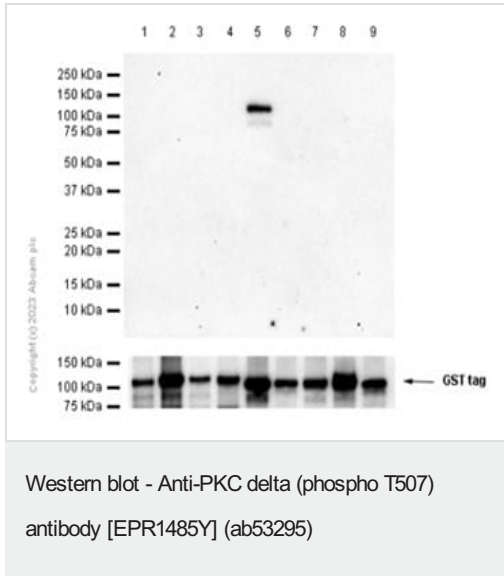
应用说明

Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

靶标

功能	This is calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters. May play a role in antigen-dependent control of B-cell function. Phosphorylates MUC1 in the C-terminal and regulates the interaction between MUC1 and beta-catenin.
序列相似性	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. PKC subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 C2 domain. Contains 2 phorbol-ester/DAG-type zinc fingers. Contains 1 protein kinase domain.
结构域	The C1 domain, containing the phorbol ester/DAG-type region 1 (C1A) and 2 (C1B), is the diacylglycerol sensor. The C2 domain is a non-calcium binding domain. It binds proteins containing phosphotyrosine in a sequence-specific manner.
翻译后修饰	Phosphorylated on Thr-507, within the activation loop. Autophosphorylated and/or phosphorylated. Although the Thr-507 phosphorylation occurs it is not a prerequisite for enzymatic activity.
细胞定位	Cytoplasm. Membrane.

图片



All lanes : Anti-PKC delta (phospho T507) antibody [EPR1485Y] (ab53295) at 1/1000 dilution

Lane 1 : Recombinant human PKC alpha protein (Active) ([ab55672](#))

Lane 2 : Recombinant human PKC beta 1 protein ([ab60840](#))

Lane 3 : Recombinant human PKC beta 2 protein ([ab60841](#))

Lane 4 : Recombinant human PKC gamma protein ([ab60842](#))

Lane 5 : Recombinant human PKC delta protein ([ab60844](#))

Lane 6 : Recombinant human PKC zeta protein ([ab60848](#))

Lane 7 : Recombinant human PKC eta protein ([ab60849](#))

Lane 8 : Recombinant human PKC theta/PRKCQ protein ([ab56641](#))

Lane 9 : Recombinant human PKC iota protein ([ab60850](#))

Secondary

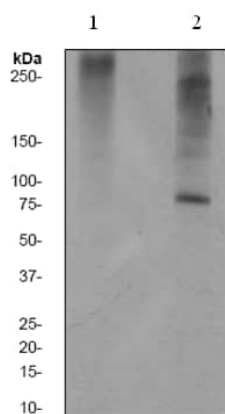
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 77 kDa

Observed band size: 105 kDa

Exposure time: 180 seconds

Blocking and diluting buffer and concentration: 5% NFDM/TBST.



Western blot - Anti-PKC delta (phospho T507) antibody [EPR1485Y] (ab53295)

All lanes : Anti-PKC delta (phospho T507) antibody [EPR1485Y] (ab53295) at 1/500 dilution

Lane 1 : U937 cell lysate

Lane 2 : U937 cell lysate treated with TPA

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 77 kDa

Observed band size: 77 kDa

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

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

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