


# Anti-PKC delta (phospho T505) antibody ab60992

★★★★★ [2 Abreviews](#) [2 References](#) [3 图像](#)

### 概述

<b>产品名称</b>	Anti-PKC delta (phospho T505)抗体
<b>描述</b>	兔多克隆抗体to PKC delta (phospho T505)
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> IHC-P, WB
<b>种属反应性</b>	<b>与反应:</b> Mouse, Human <b>预测可用于:</b> Rat 
<b>免疫原</b>	Synthetic peptide corresponding to Human PKC delta (internal sequence) (phospho T505). Database link: <a href="#">Q05655</a>
<b>阳性对照</b>	WB: Extracts from NIH/3T3cells, treated with UV (15mins); C57BL/6 Mouse splenocytes cells.
<b>常规说明</b>	<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&amp;As</p>

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	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.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride  PBS without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
<b>克隆</b>	多克隆

同种型

IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab60992于以下的经测试应用

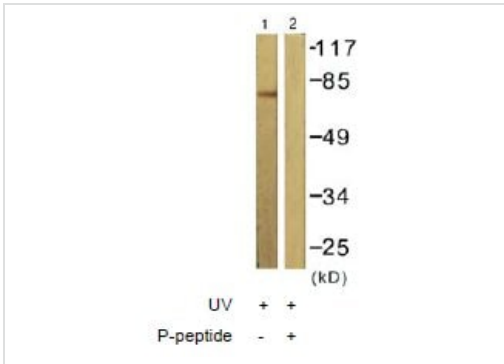
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/50 - 1/100.
WB	★★★★☆ (2)	1/500 - 1/1000. Detects a band of approximately 77 kDa (predicted molecular weight: 77 kDa).

## 靶标

<b>功能</b>	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.
<b>序列相似性</b>	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.
<b>结构域</b>	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.
<b>翻译后修饰</b>	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.
<b>细胞定位</b>	Cytoplasm. Membrane.

## 图片



Western blot - Anti-PKC delta (phospho T505) antibody (ab60992)

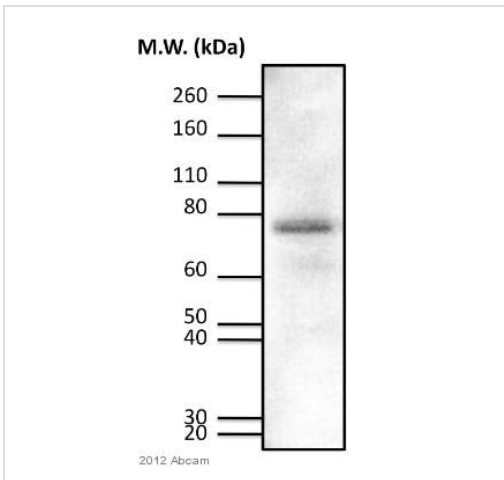
**All lanes :** Anti-PKC delta (phospho T505) antibody (ab60992) at 1/500 dilution

**Lane 1 :** Extracts from NIH/3T3cells, treated with UV (15mins).

**Lane 2 :** Extracts from NIH/3T3cells, treated with UV (15mins) with immunizing phosphopeptide.

**Predicted band size:** 77 kDa

**Observed band size:** 77 kDa



Western blot - Anti-PKC delta (phospho T505) antibody (ab60992)

Anti-PKC delta (phospho T505) antibody (ab60992) at 1/500 dilution + C57BL/6 Mouse splenocytes cells at 40 µg

**Secondary**

HRP Anti-rabbit IgG Goat (H&L) at 1/1000 dilution

**Predicted band size:** 77 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PKC delta (phospho T505) antibody (ab60992)

**ab60992** staining human normal tonsil tissue. Staining is localised to cytoplasm.

Left panel: with primary antibody at 1 ug/ml. Right panel: isotype control.

Sections were stained using an automated system DAKO Autostainer Plus , at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 antigen retrieval buffer EDTA pH 9.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H2O2 in methanol for 10 minutes. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 minutes and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that for manual staining we recommend to optimize the primary antibody concentration and incubation time (overnight incubation), and amplification may be

required.

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

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