

Anti-PKC theta/PRKCQ antibody [M217] ab76197

[1 References](#) [2 图像](#)

概述

产品名称	Anti-PKC theta/PRKCQ抗体[M217]
描述	小鼠单克隆抗体[M217] to PKC theta/PRKCQ
宿主	Mouse
特异性	ab76197 is not predicted to react with other PKC family members due to low sequence homology.
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Jurkat whole cell lysate (ab7899). ICC/IF: PC-12 cells.
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 -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 50% Glycerol, PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	M217
同种型	IgG2a

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab76197于以下的经测试应用

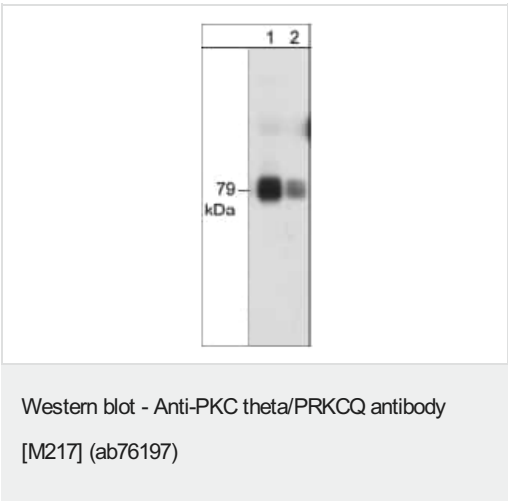
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/100.
WB		1/1000. Predicted molecular weight: 82 kDa.

靶标

功能	<p>This is a calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. Essential for T-cell receptor (TCR)-mediated T-cell activation, but is dispensable during TCR-dependent thymocyte development. Links the TCR signaling complex to the activation of NF-kappa-B in mature T lymphocytes. Required for interleukin-2 (IL2) production.</p> <p>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.</p>
组织特异性	<p>Skeletal muscle, megakaryoblastic cells and platelets.</p>
序列相似性	<p>Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. PKC subfamily. Contains 1 AGC-kinase C-terminal domain.</p> <p>Contains 1 C2 domain.</p> <p>Contains 2 phorbol-ester/DAG-type zinc fingers.</p> <p>Contains 1 protein kinase domain.</p>
结构域	<p>The C1 domain, containing the phorbol ester/DAG-type region 1 (C1A) and 2 (C1B), is the diacylglycerol sensor and the C2 domain is a non-calcium binding domain.</p>
翻译后修饰	<p>Autophosphorylation at Thr-219 is required for targeting to the TCR and cellular function of PKC upon antigen receptor ligation.</p>

图片



Lane 1 : Anti-PKC theta/PRKCQ antibody [M217] (ab76197) at 1/250 dilution

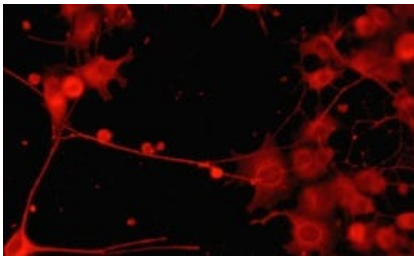
Lane 2 : Anti-PKC theta/PRKCQ antibody [M217] (ab76197) at 1/1000 dilution

Lane 1 : Jurkat cell lysate.

Lane 2 : Jurkat cell lysate

Predicted band size: 82 kDa

Observed band size: 79 kDa



NGF-differentiated PC-12 cells (rat adrenal gland pheochromocytoma cell line) stained for PKC theta/PRKCQ using ab76197 at 1/100 dilution in ICC/IF. Secondary antibody is a Cy3 conjugate.

Immunocytochemistry/ Immunofluorescence - Anti-PKC theta/PRKCQ antibody [M217] (ab76197)

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

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