

Anti-DCK antibody [OTI16E12] ab118994

4 图像

概述

产品名称	Anti-DCK抗体[OTI16E12]
描述	小鼠单克隆抗体[OTI16E12] to DCK
宿主	Mouse
经测试应用	适用于: Flow Cyt (Intra), WB
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Human DCK aa 1-300. (NP_000779) produced in HEK293T cells. Database link: P27707
	 Run BLAST with  Run BLAST with
阳性对照	WB: HEK293T cells transfected with pCMV6-ENTRY DCK. Flow Cyt (Intra): HEK-293T transfected with DCK, HeLa and Jurkat cells.
常规说明	<p>The clone number has been updated from 16E12 to OTI16E12, both clone numbers name the same clone.</p> <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. Avoid freeze / thaw cycle.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA, 50% Glycerol
纯度	Affinity purified
纯化说明	Purified from cell culture supernatant by affinity chromatography

克隆	单克隆
克隆编号	OT16E12
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab118994于以下的经测试应用

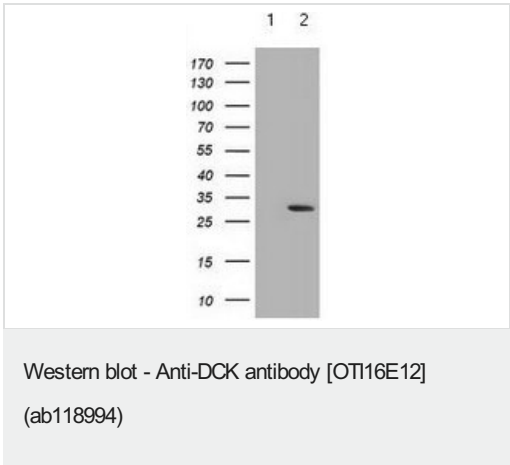
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/100. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		1/2000. Predicted molecular weight: 31 kDa.

靶标

功能	Required for the phosphorylation of the deoxyribonucleosides deoxycytidine (dC), deoxyguanosine (dG) and deoxyadenosine (dA). Has broad substrate specificity, and does not display selectivity based on the chirality of the substrate. It is also an essential enzyme for the phosphorylation of numerous nucleoside analogs widely employed as antiviral and chemotherapeutic agents.
序列相似性	Belongs to the DCK/DGK family.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus.

图片



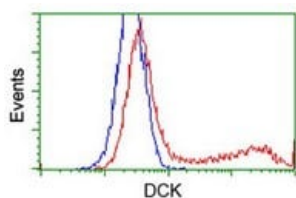
All lanes : Anti-DCK antibody [OT16E12] (ab118994) at 1/2000 dilution

Lane 1 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate transfected with pCMV6-ENTRY control

Lane 2 : HEK-293T cells transfected with pCMV6-ENTRY DCK cDNA

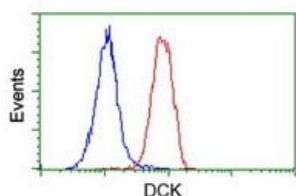
Lysates/proteins at 5 µg per lane.

Predicted band size: 31 kDa



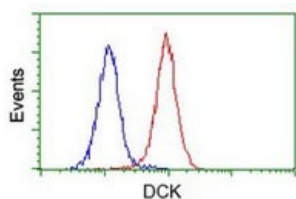
Flow Cytometry (Intracellular) - Anti-DCK antibody
[OT16E12] (ab118994)

Flow cytometric analysis of HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cells transfected with either DCK overexpress plasmid (Red) or empty vector control plasmid (Blue) were stained for DCK using ab118994 at 1/100 dilution.



Flow Cytometry (Intracellular) - Anti-DCK antibody
[OT16E12] (ab118994)

Flow cytometric analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for DCK using ab118994 (Red) compared to a nonspecific negative control antibody (Blue).



Flow Cytometry (Intracellular) - Anti-DCK antibody
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Flow cytometric analysis of Jurkat (human T cell leukemia cell line from peripheral blood) cells using ab118994 at 1/100 (Red), compared to a nonspecific negative control antibody (Blue).

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