

Product datasheet

Anti-PBX1 antibody [1D9] ab119069

3 图像

概述

产品名称	Anti-PBX1抗体[1D9]
描述	小鼠单克隆抗体[1D9] to PBX1
宿主	Mouse
经测试应用	适用于: WB, Flow Cyt, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant full length Human PBX1 produced in HEK293T cells (NP_002576).
阳性对照	HEK293T cell lysate transfected with pCMV6-ENTRY PBX1 cDNA, COS7 cells transiently transfected by pCMV6-ENTRY PBX1. HEK293T cells transfected with PBX1 overexpress plasmid
常规说明	Dilute in PBS (pH7.3) before use.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
纯度	Protein G purified
纯化说明	ab119069 was purified from mouse ascites fluids by affinity chromatography.
克隆	单克隆
克隆编号	1D9
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab119069** in the following tested applications.

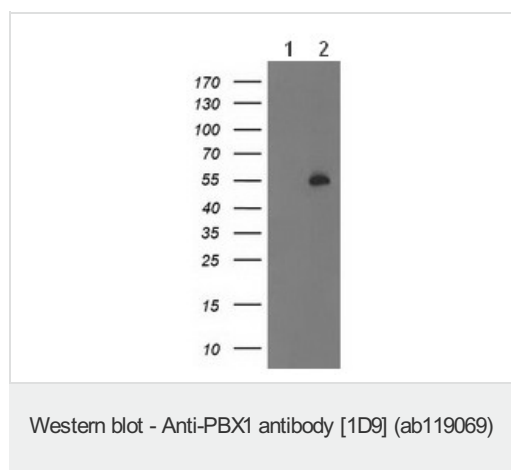
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/2000. Predicted molecular weight: 47 kDa.
Flow Cyt		1/100. <a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100.

## 靶标

<b>功能</b>	Binds the sequence 5'-ATCAATCAA-3'. Acts as a transcriptional activator of PF4 in complex with MEIS1. Converted into a potent transcriptional activator by the (1;19) translocation. May have a role in steroidogenesis and, subsequently, sexual development and differentiation.
<b>组织特异性</b>	Expressed in all tissues except in cells of the B and T lineage.
<b>疾病相关</b>	Note=A chromosomal aberration involving PBX1 is a cause of pre-B-cell acute lymphoblastic leukemia (B-ALL). Translocation t(1;19)(q23;p13.3) with TCF3. E2A-PBX1 transforms cells by constitutively activating transcription of genes regulated by PBX1 or by other members of the PBX protein family.
<b>序列相似性</b>	Belongs to the TALE/PBX homeobox family. Contains 1 homeobox DNA-binding domain.
<b>细胞定位</b>	Nucleus.

## 图片



**All lanes :** Anti-PBX1 antibody [1D9]  
(ab119069) at 1/2000 dilution

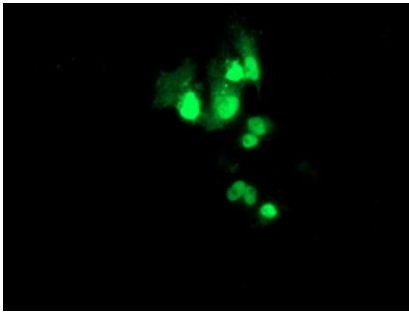
**Lane 1 :** HEK293T cell lysate transfected with  
pCMV6-ENTRY control

**Lane 2 :** HEK293T cell lysate transfected with  
pCMV6-ENTRY PBX1 cDNA

Lysates/proteins at 5 µg per lane.

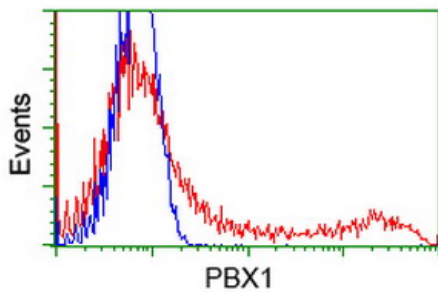
**Predicted band size:** 47 kDa

HEK293T cell lysates were generated from  
transient transfection of the cDNA clone  
(RC210944)



ab119069 at 1/100, immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PBX1

Immunocytochemistry/ Immunofluorescence - Anti-PBX1 antibody [1D9] (ab119069)



HEK293T cells transfected with either a PBX1 overexpress plasmid, Red or a empty vector control plasmid, Blue were immunostained by ab119069 at 1/100, and then analyzed by flow cytometry.

Flow Cytometry - Anti-PBX1 antibody [1D9] (ab119069)

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