

Product datasheet

Anti-PBX1 antibody [OT11D9] ab119069

3 图像

概述

产品名称	Anti-PBX1抗体[OT11D9]
描述	小鼠单克隆抗体[OT11D9] 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 protein corresponding to Human PBX1. Full length human recombinant protein of human PBX1 (NP_002576) produced in HEK293T cell. Database link: P40424
阳性对照	WB: HEK-293T cell lysate transfected with pCMV6-ENTRY PBX1 cDNA. ICC/IF: COS7 cells transiently transfected by pCMV6-ENTRY PBX1.

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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
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	OT11D9
同种型	IgG1

应用

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

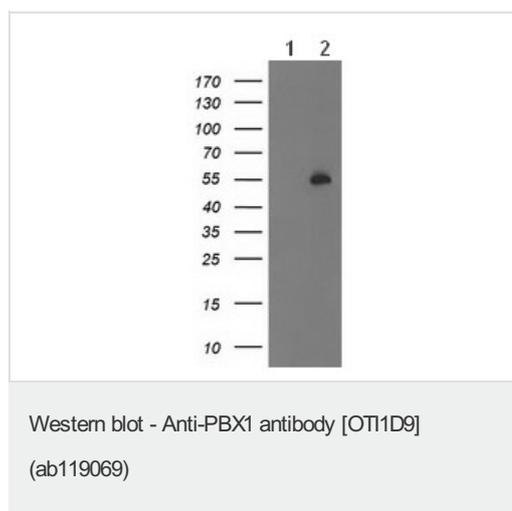
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500. Predicted molecular weight: 47 kDa.
Flow Cyt		1/100. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100.

靶标

功能	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.
组织特异性	Expressed in all tissues except in cells of the B and T lineage.
疾病相关	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.
序列相似性	Belongs to the TALE/PBX homeobox family. Contains 1 homeobox DNA-binding domain.
细胞定位	Nucleus.

图片



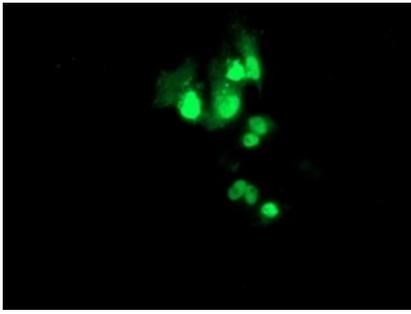
All lanes : Anti-PBX1 antibody [OT11D9] (ab119069) at 1/2000 dilution

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 : HEK293T cell lysate transfected with pCMV6-ENTRY PBX1 cDNA

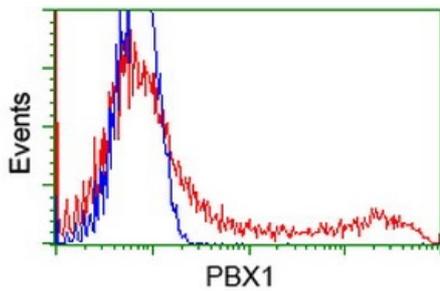
Lysates/proteins at 5 µg per lane.

Predicted band size: 47 kDa



Immunocytochemistry/ Immunofluorescence - Anti-PBX1 antibody [OT11D9] (ab119069)

COS-7 (African green monkey kidney fibroblast-like cell line) cells transiently transfected by pCMV6-ENTRY PBX1 stained for PBX1 (green) using ab119069 at 1/100 dilution in ICC/IF.



Flow Cytometry - Anti-PBX1 antibody [OT11D9] (ab119069)

Flow cytometric analysis of HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cells transfected with either PBX1 overexpressed plasmid (Red) or empty vector control plasmid (Blue) stained for PBX1 using ab119069 at 1/100 dilution in flow cytometric analysis.

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