

Anti-KAT7 / Hbo1 / MYST2 antibody [EPR7194(B)] ab124993

重组 RabMAb

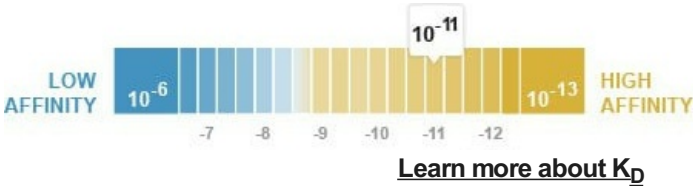
2 References 4 图像

概述

产品名称	Anti-KAT7 / Hbo1 / MYST2抗体[EPR7194(B)]
描述	兔单克隆抗体[EPR7194(B)] to KAT7 / Hbo1 / MYST2
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB 不适用于: ICC/IF,IHC-P or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat
免疫原	Synthetic peptide within Human KAT7/ Hbo1/ MYST2 aa 50-150. The exact sequence is proprietary. Database link: <a href="#">O95251</a>
阳性对照	HeLa, Jurkat, MCF7, and HepG2 whole cell lysate ( <a href="#">ab7900</a> ); Permeabilized HeLa cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K <sub>D</sub> )	K <sub>D</sub> = 4.70 x 10 <sup>-11</sup> M



存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR7194(B)
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab124993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。

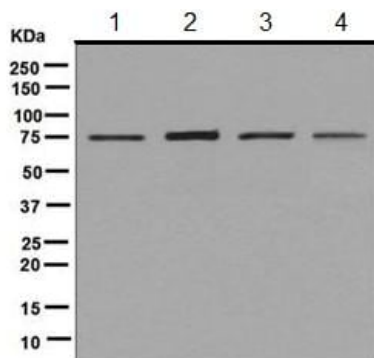
应用	Ab评论	说明
Flow Cyt (Intra)		1/100 - 1/500. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Detects a band of approximately 71 kDa (predicted molecular weight: 71 kDa).

应用说明      Is unsuitable for ICC/IF,IHC-P or IP.

靶标

功能	Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription. Specifically represses AR-mediated transcription.
组织特异性	Ubiquitously expressed, with highest levels in testis.
序列相似性	Belongs to the MYST (SAS/MOZ) family. Contains 1 C2HC-type zinc finger.
结构域	The C2HC-type zinc finger is required for interaction with MCM2 and ORC1L. The N-terminus is involved in transcriptional repression, while the C-terminus mediates AR-interaction.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus > nucleoplasm.

图片



Western blot - Anti-KAT7 / Hbo1 / MYST2 antibody [EPR7194(B)] (ab124993)

**All lanes :** Anti-KAT7 / Hbo1 / MYST2 antibody [EPR7194(B)] (ab124993) at 1/1000 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** Jurkat cell lysate

**Lane 3 :** MCF7 cell lysate

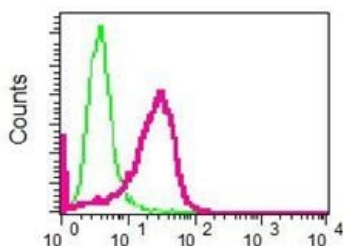
**Lane 4 :** HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

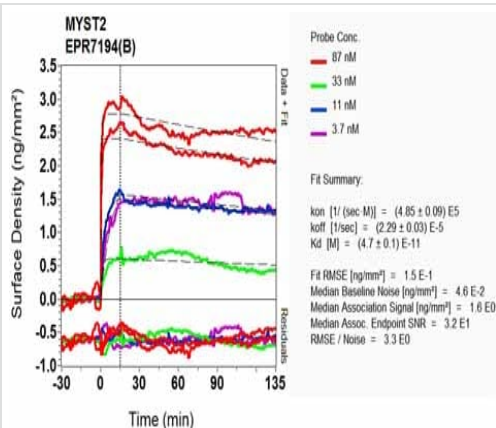
**All lanes :** Goat anti-Rabbit HRP at 1/2000 dilution

**Predicted band size:** 71 kDa



Flow Cytometry (Intracellular) - Anti-KAT7 / Hbo1 / MYST2 antibody [EPR7194(B)] (ab124993)

ab124993 at 1/100 dilution staining KAT7 / Hbo1 / MYST2 in permeabilized HeLa cells by intracellular flow cytometry (red) or negative control (green).



OI-RD Scanning - Anti-KAT7 / Hbo1 / MYST2 antibody [EPR7194(B)] (ab124993)

Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-KAT7 / Hbo1 / MYST2 antibody [EPR7194(B)]  
(ab124993)

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

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