


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

リコンビナント RabMAb<sup>®</sup>

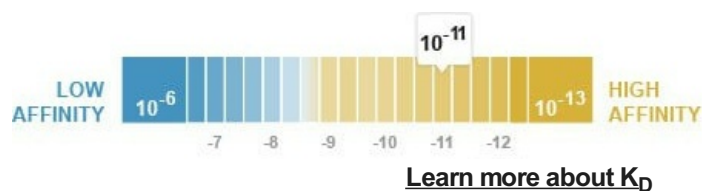
## 2 References [画像数 4](#)

### 製品の概要

|                     |  |
|---------------------|--|
| <b>製品名</b>          | Anti-KAT7 / Hbo1 / MYST2 antibody [EPR7194(B)]   |
| <b>製品の詳細</b>        | Rabbit monoclonal [EPR7194(B)] to KAT7 / Hbo1 / MYST2  |
| <b>由来種</b>          | Rabbit   |
| <b>アプリケーション</b>     | <b>適用あり:</b> Flow Cyt (Intra), WB<br><b>適用なし:</b> ICC/IF, IHC-P or IP  |
| <b>種交差性</b>         | <b>交差種:</b> Human<br><b>交差が予測される動物種:</b> Mouse, Rat   |
| <b>免疫原</b>          | Synthetic peptide within Human KAT7/ Hbo1/ MYST2 aa 50-150. The exact sequence is proprietary.<br>Database link: <a href="#">O95251</a>  |
| <b>ポジティブ・コントロール</b> | HeLa, Jurkat, MCF7, and HepG2 whole cell lysate ( <a href="#">ab7900</a> ); Permeabilized HeLa cells.  |
| <b>特記事項</b>         | 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> .<br>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> . |

### 製品の特性

|                               |  |
|-------------------------------|--|
| <b>製品の状態</b>                  | Liquid   |
| <b>保存方法</b>                   | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| <b>解離定数 (K<sub>D</sub> 値)</b> | K <sub>D</sub> = 4.70 x 10 <sup>-11</sup> M                    |



|        |   |
|--------|---|
| バッファー  | pH: 7.20<br>Preservative: 0.01% Sodium azide<br>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant |
| 精製度    | Protein A purified  |
| ポリ/モノ  | モノクローナル   |
| クローン名  | EPR7194(B)  |
| アイソタイプ | IgG   |

## アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab124993の使用に適用されず**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

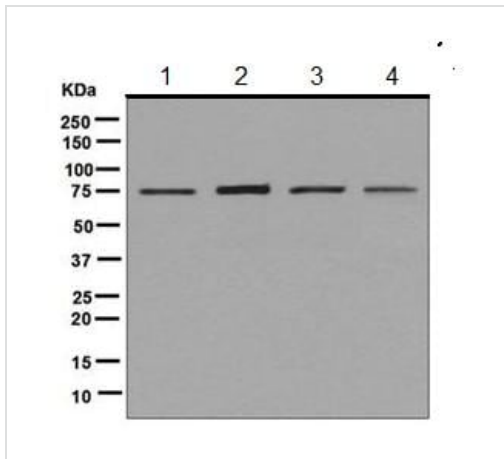
| アプリケーション         | Abreviews | 特記事項   |
|------------------|-----------|--|
| Flow Cyt (Intra) |           | 1/100 - 1/500.<br><b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. |
| WB               |           | 1/1000 - 1/10000. Detects a band of approximately 71 kDa (predicted molecular weight: 71 kDa).                           |

追加情報 Is unsuitable for ICC/IF, IHC-P or IP.

## ターゲット情報

|       |   |
|-------|---|
| 機能    | 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. |
| 組織特異性 | Ubiquitously expressed, with highest levels in testis.  |
| 配列類似性 | Belongs to the MYST (SAS/MOZ) family.<br>Contains 1 C2HC-type zinc finger.  |
| ドメイン  | The C2HC-type zinc finger is required for interaction with MCM2 and ORC1L.<br>The N-terminus is involved in transcriptional repression, while the C-terminus mediates AR-interaction.   |
| 翻訳後修飾 | Phosphorylated upon DNA damage, probably by ATM or ATR.   |
| 細胞内局在 | Nucleus > nucleoplasm.  |

## 画像



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

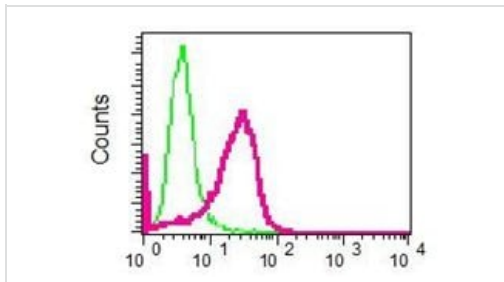
**Lane 4 :** HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

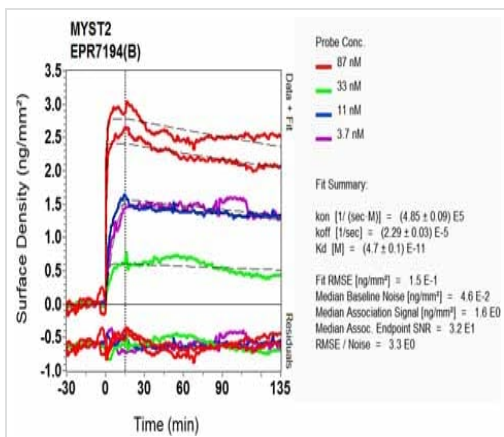
**All lanes :** Goat anti-Rabbit HRP at 1/2000 dilution

**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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