

## Product datasheet

# Anti-BHMT antibody [EPR6782] ab124992

**重组** RabMAb

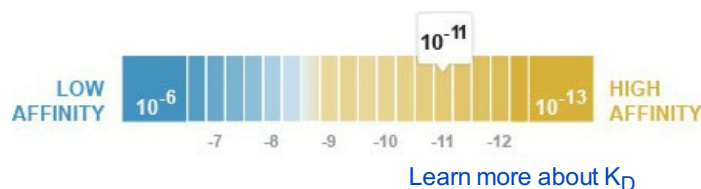
1 Abreviews 1 References 4 图像

### 概述

<b>产品名称</b>	Anti-BHMT抗体[EPR6782]
<b>描述</b>	兔单克隆抗体[EPR6782] to BHMT
<b>经测试应用</b>	<b>适用于:</b> WB, IP, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Synthetic peptide, corresponding to residues near the C terminus of Human BHMT.
<b>阳性对照</b>	Human fetal liver and fetal kidney lysates; Human kidney and liver tissue.
<b>常规说明</b>	This product is a recombinant rabbit monoclonal antibody.  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.  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

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>解离常数 (K<sub>D</sub>)</b>	K <sub>D</sub> = 2.25 x 10 <sup>-11</sup> M



<b>存储溶液</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
<b>纯度</b>	Tissue culture supernatant
<b>克隆</b>	单克隆
<b>克隆编号</b>	EPR6782
<b>同种型</b>	IgG

## 应用

Our [Abpromise guarantee](#) covers the use of **ab124992** in the following tested applications.

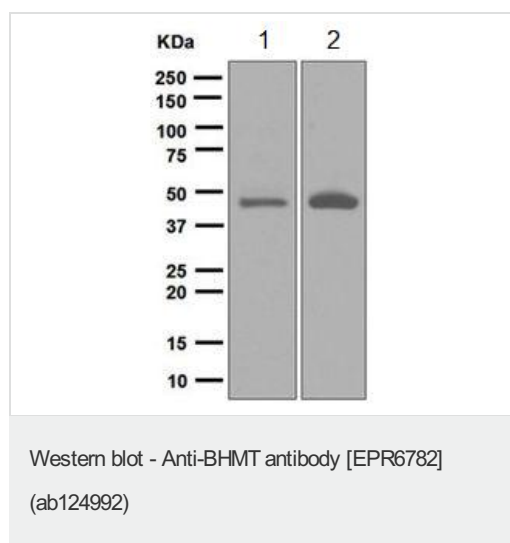
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa).
IP		1/10 - 1/100.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.

## 靶标

<b>功能</b>	Involved in the regulation of homocysteine metabolism. Converts betaine and homocysteine to dimethylglycine and methionine, respectively. This reaction is also required for the irreversible oxidation of choline.
<b>组织特异性</b>	Found exclusively in liver and kidney.
<b>通路</b>	Amine and polyamine degradation; betaine degradation; sarcosine from betaine: step 1/2. Amino-acid biosynthesis; L-methionine biosynthesis via de novo pathway; L-methionine from L-homocysteine (BhmT route): step 1/1.
<b>序列相似性</b>	Contains 1 Hcy-binding domain.
<b>细胞定位</b>	Cytoplasm.

## 图片



**All lanes** : Anti-BHMT antibody [EPR6782] (ab124992) at 1/1000 dilution

**Lane 1** : Human fetal liver lysate

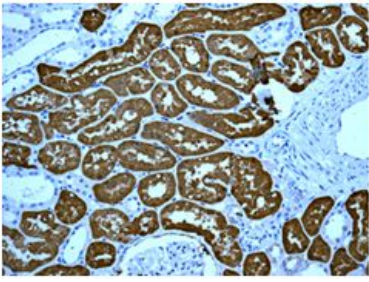
**Lane 2** : Human fetal kidney lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

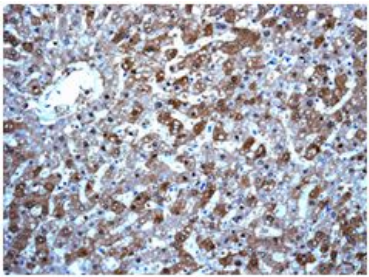
Goat anti-Rabbit HRP at 1/2000 dilution

**Predicted band size** : 45 kDa



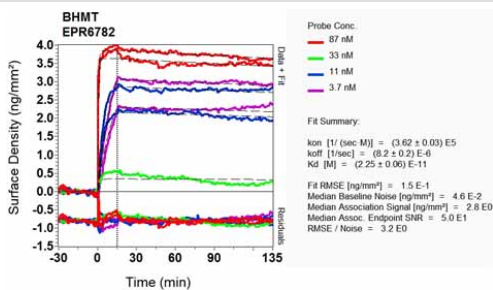
ab124992 at 1/250 dilution staining BHMT in paraffin-embedded Human kidney tissues by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BHMT antibody [EPR6782] (ab124992)



ab124992 at 1/250 dilution staining BHMT in paraffin-embedded Human liver tissues by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BHMT antibody [EPR6782] (ab124992)



Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

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

Other-Anti-BHMT antibody [EPR6782](ab124992)

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