

### Anti-BHMT antibody [EPR6782] ab124992

リコンビナント **RabMAb**

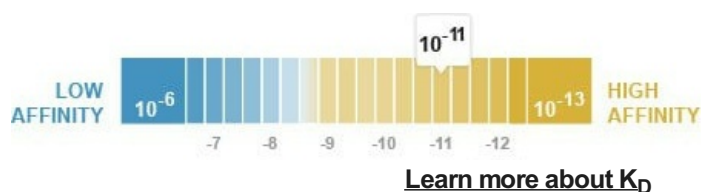
★★★★★ [1 Abreviews](#) [1 References](#) [画像数 5](#)

#### 製品の概要

製品名	Anti-BHMT antibody [EPR6782]
製品の詳細	Rabbit monoclonal [EPR6782] to BHMT
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide within Human BHMT aa 350-450 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	Human fetal liver and fetal kidney lysates; Human kidney and liver tissue.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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> <p>For more information <a href="#">see here</a>.</p> <p>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>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 2.25 x 10 <sup>-11</sup> M



バッファー	pH: 7.20 Preservative: 0.01% Sodium azide 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	EPR6782
アイソタイプ	IgG

## アプリケーション

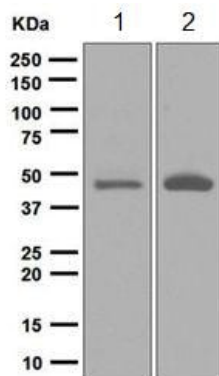
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab124992の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa).
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.

## ターゲット情報

機能	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.
組織特異性	Found exclusively in liver and kidney.
パスウェイ	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.
配列類似性	Contains 1 Hcy-binding domain.
細胞内局在	Cytoplasm.

## 画像



Western blot - Anti-BHMT antibody [EPR6782] (ab124992)

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

**Lane 1** : Human fetal liver tissue lysate

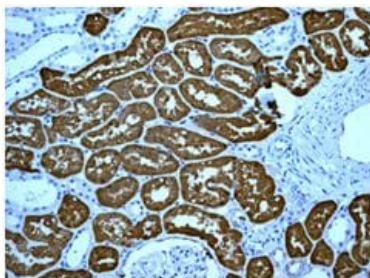
**Lane 2** : Human fetal kidney tissue lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

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

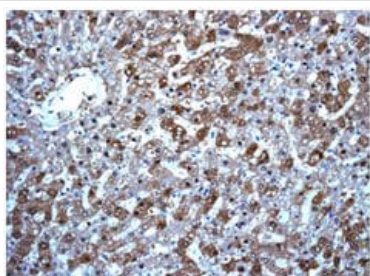
**Predicted band size:** 45 kDa



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

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

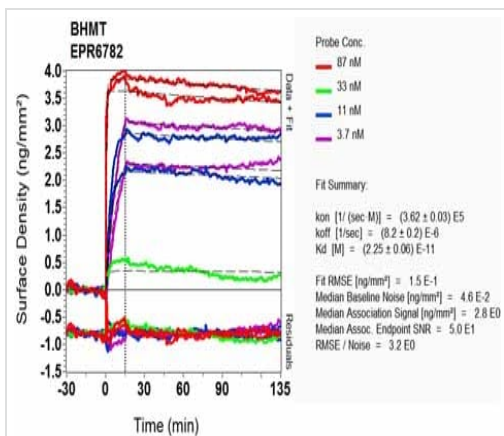
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



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.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



SPR Scanning - Anti-BHMT antibody [EPR6782]  
(ab124992)

Equilibrium dissociation 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-BHMT antibody [EPR6782] (ab124992)

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

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