

# Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] ab124953

リコンビナント RabMAb

★★★★★ [1 Abreviews](#) [1 References](#) [画像数 3](#)

### 製品の概要

製品名	Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)]
製品の詳細	Rabbit monoclonal [EPR6886(B)] to Methionine Aminopeptidase 2/p67
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB <b>適用なし:</b> ICC/IF, IHC-P or IP
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide within Human Methionine Aminopeptidase 2/p67. The exact sequence is proprietary.
ポジティブ・コントロール	HepG2, 293T, HeLa, C6, RAW 264.7, PC12 and NIH 3T3 cell lysates; Permeabilized 293T cells.
特記事項	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> .

### 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.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 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                   EPR6886(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ab124953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
Flow Cyt (Intra)		1/10 - 1/100. <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 67 kDa (predicted molecular weight: 52 kDa).

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

#### ターゲット情報

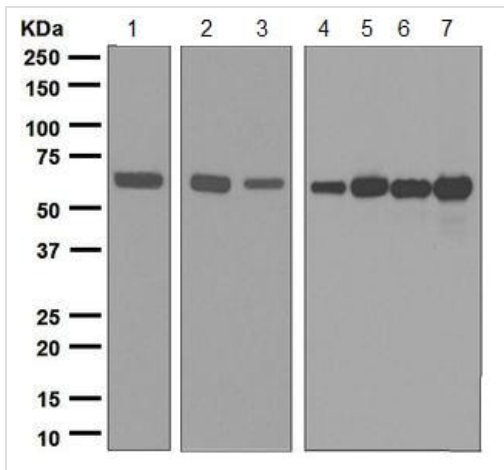
**機能**                               Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val). The catalytic activity of human METAP2 toward Met-Val peptides is consistently two orders of magnitude higher than that of METAP1, suggesting that it is responsible for processing proteins containing N-terminal Met-Val and Met-Thr sequences in vivo.  
Protects eukaryotic initiation factor EIF2S1 from translation-inhibiting phosphorylation by inhibitory kinases such as EIF2AK2/PKR and EIF2AK1/HCR. Plays a critical role in the regulation of protein synthesis.

**配列類似性**                       Belongs to the peptidase M24A family. Methionine aminopeptidase eukaryotic type 2 subfamily.

**翻訳後修飾**                       Contains approximately 12 O-linked N-acetylglucosamine (GlcNAc) residues. O-glycosylation is required for EIF2S1 binding.

**細胞内局在**                       Cytoplasm. About 30% of expressed METAP2 associates with polysomes.

#### 画像



Western blot - Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] (ab124953)

**All lanes :** Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] (ab124953) at 1/1000 dilution

**Lane 1 :** HepG2 cell lysates

**Lane 2 :** 293T cell lysates

**Lane 3 :** HeLa cell lysates

**Lane 4 :** C6 cell lysates

**Lane 5 :** RAW 264.7 cell lysates

**Lane 6 :** PC12 cell lysates

**Lane 7 :** NIH 3T3 cell lysates

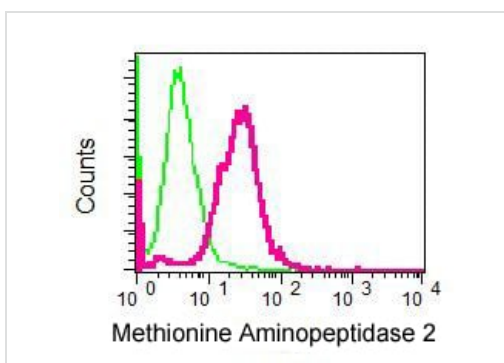
Lysates/proteins at 10 µg per lane.

#### Secondary

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

**Predicted band size:** 52 kDa

**Observed band size:** 67 kDa



Flow Cytometry (Intracellular) - Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] (ab124953)

ab124953 at 1/10 dilution staining Methionine Aminopeptidase 2/p67 in permeabilized 293T cells by intracellular flow cytometry (red) or a Rabbit IgG (negative control) (green).

### 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-Methionine Aminopeptidase 2/p67 antibody  
[EPR6886(B)] (ab124953)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors