

# Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] - BSA and Azide free ab248071

リコンビナント **RabMAb**

画像数 3

### 製品の概要

製品名	Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR6886(B)] to Methionine Aminopeptidase 2/p67 - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, Flow Cyt (Intra) <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. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248071 is the carrier-free version of <a href="#">ab124953</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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>

## 製品の特 性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
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ab248071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。

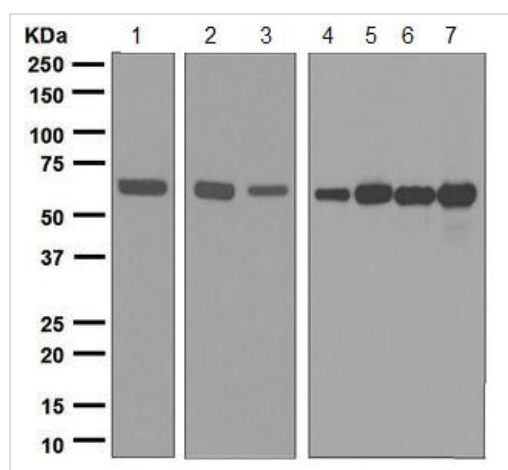
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 67 kDa (predicted molecular weight: 52 kDa).
Flow Cyt (Intra)		Use at an assay dependent concentration.

**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)] - BSA and Azide free (ab248071)

**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.

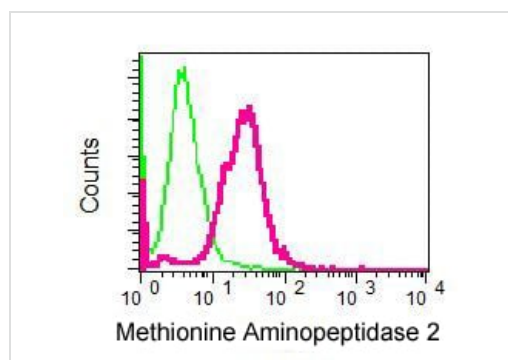
### Secondary

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

**Predicted band size:** 52 kDa

**Observed band size:** 67 kDa

This data was developed using [ab124953](#), the same antibody clone in a different buffer formulation.



Flow Cytometry (Intracellular) - Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] - BSA and Azide free (ab248071)

This data was developed using [ab124953](#), the same antibody clone in a different buffer formulation.

[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)] - BSA and Azide free (ab248071)

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

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