

# Anti-HMGN2 antibody [EPR7091] ab124997

リコンビナント RabMAb

## 1 References [画像数 4](#)

### 製品の概要

製品名	Anti-HMGN2 antibody [EPR7091]
製品の詳細	Rabbit monoclonal [EPR7091] to HMGN2
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P <b>適用なし:</b> Flow Cyt or IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide within Human HMGN2 aa 50-150. The exact sequence is proprietary.
ポジティブ・コントロール	WB: HL60, K562, HeLa, SH-SY5Y and Jurkat cell lysates IHC-P: Human colon 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.
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   EPR7091  
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ab124997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. Predicted molecular weight: 9 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.

追加情報   Is unsuitable for Flow Cyt or IP.

## ターゲット情報

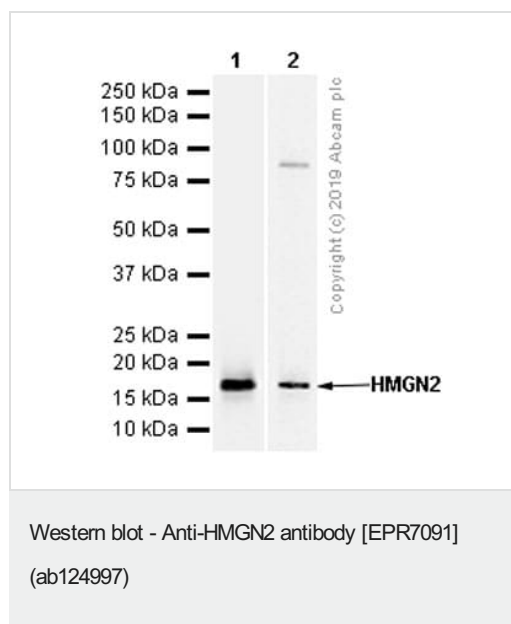
**機能**    Binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. May be involved in the process which maintains transcribable genes in an unique chromatin conformation.

**配列類似性**                                        Belongs to the HMGN family.

**翻訳後修飾**                                        Phosphorylation favors cytoplasmic localization.

**細胞内局在**                                        Nucleus. Cytoplasm. Cytoplasmic enrichment upon phosphorylation.

## 画像



**All lanes :** Anti-HMGN2 antibody [EPR7091] (ab124997) at 1/1000 dilution (Purified)

**Lane 1 :** HL-60 (Human acute promyelocytic leukemia promyeloblast) whole cell lysate prepared in 1%SDS Hot lysis method

**Lane 2 :** K-562 (Human chronic myelogenous leukemia lymphoblast) whole cell lysate prepared in 1%SDS Hot lysis method

Lysates/proteins at 15 µg per lane.

### Secondary

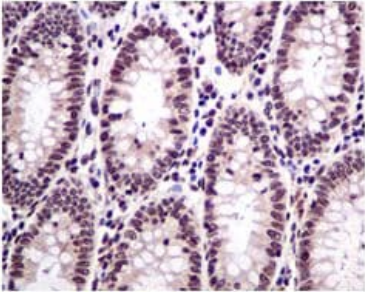
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 9 kDa

**Observed band size:** 18 kDa

Blocking/Diluting Buffer and concentration:

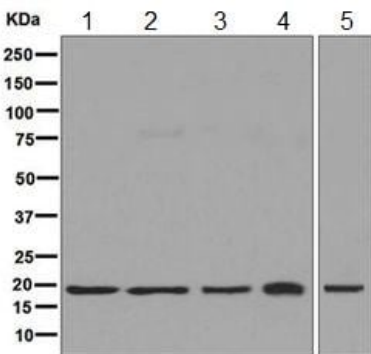
5% NFDm/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HMGN2 antibody [EPR7091] (ab124997)

ab124997 at 1/250 dilution staining HMGN2 in paraffin-embedded Human colon tissue by Immunohistochemistry.

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



Western blot - Anti-HMGN2 antibody [EPR7091] (ab124997)

**All lanes :** Anti-HMGN2 antibody [EPR7091] (ab124997) at 1/1000 dilution

**Lane 1 :** HL60 cell lysate

**Lane 2 :** K562 cell lysate

**Lane 3 :** HeLa cell lysate

**Lane 4 :** SH-SY5Y cell lysate

**Lane 5 :** Jurkat cell lysate

Lysates/proteins at 10  $\mu$ g per lane.

#### **Secondary**

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

**Predicted band size:** 9 kDa

All cell lysates were prepared in 1%SDS Hot lysis method.

### 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-HMGN2 antibody [EPR7091] (ab124997)

**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