

### Anti-HDGF antibody [EPR7899] ab131046

リコンビナント RabMAb

★★★★★ **2 Abreviews** 画像数 5

#### 製品の概要

製品名	Anti-HDGF antibody [EPR7899]
製品の詳細	Rabbit monoclonal [EPR7899] to HDGF
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, ICC/IF, Flow Cyt (Intra) <b>適用なし:</b> IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	A549, Saos-2, ECV-304, and 293T cell lysates; A549 cells; 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                   EPR7899  
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ab131046の使用に適用され  
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。

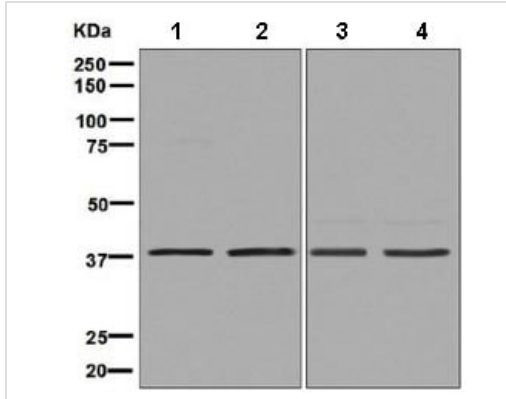
アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	1/10000 - 1/50000. Detects a band of approximately 40 kDa (predicted molecular weight: 27 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/250 - 1/500.
Flow Cyt (Intra)		1/1000. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

追加情報                       Is unsuitable for IP.

#### ターゲット情報

**機能**                           Heparin-binding protein, with mitogenic activity for fibroblasts. Acts as a transcriptional repressor.  
**組織特異性**                 Ubiquitous.  
**配列類似性**                 Belongs to the HDGF family.  
                                  Contains 1 PWWP domain.  
**ドメイン**                     The PWWP domain harbors the heparin-binding sites and is responsible for DNA-binding, while the C-terminal region is essentially unstructured.  
**翻訳後修飾**                 Sumoylated by SUMO1. Sumoylation prevents binding to chromatin.  
**細胞内局在**                 Cytoplasm. Nucleus.

#### 画像



Western blot - Anti-HDGF antibody [EPR7899] (ab131046)

**All lanes :** Anti-HDGF antibody [EPR7899] (ab131046) at 1/10000 dilution

**Lane 1 :** A549 cell lysate

**Lane 2 :** Saos-2 cell lysate

**Lane 3 :** ECV-304 cell lysate

**Lane 4 :** 293T (Human embryonic kidney epithelial cell) cell lysate

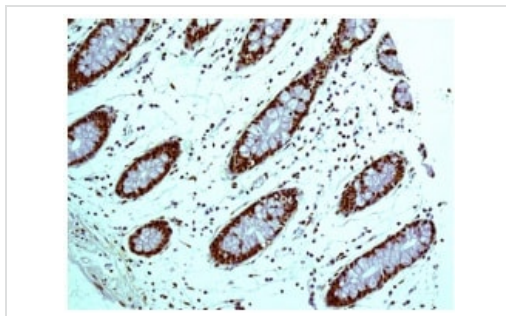
Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 27 kDa

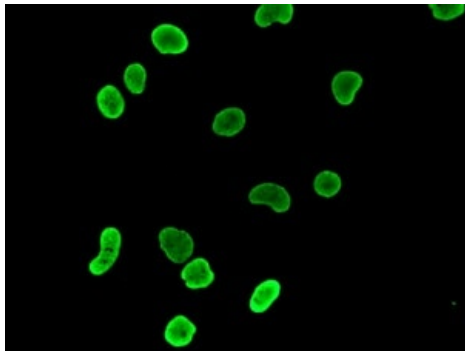
**Observed band size:** 40 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HDGF antibody [EPR7899] (ab131046)

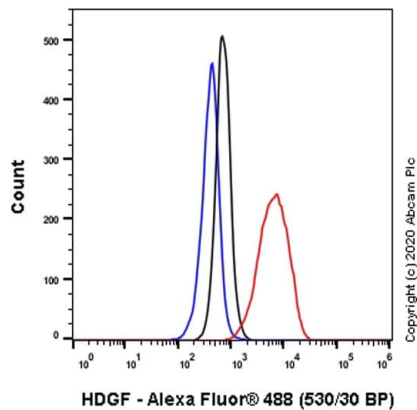
Immunohistochemical analysis of paraffin-embedded Human colon tissue labelling HDGF with ab131046 antibody at 1/250 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-HDGF antibody [EPR7899] (ab131046)





Immunofluorescence analysis of A549 cells labelling HDGF with ab131046 antibody at 1/250 dilution.



Flow Cytometry (Intracellular) - Anti-HDGF antibody [EPR7899] (ab131046)

Flow Cytometry analysis of A549 (Human lung carcinoma epithelial cell) cells labeling HDGF with purified ab131046 at 1/1000 dilution (1 µg/mL) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-HDGF antibody [EPR7899] (ab131046)

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

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