


### Anti-HDGF antibody [EPR7898] - BSA and Azide free ab248221

リコンビナント **RabMAb**

画像数 6

#### 製品の概要

製品名	Anti-HDGF antibody [EPR7898] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7898] to HDGF - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, Flow Cyt (Intra), WB, ICC/IF
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248221 is the carrier-free version of <a href="#">ab128921</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	EPR7898
アイソタイプ	IgG

アプリケーション

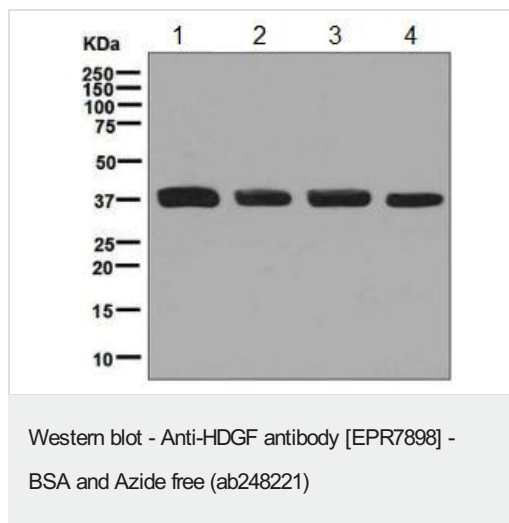
The Abpromise guarantee      Abpromise保証は、次のテスト済みアプリケーションにおけるab248221の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 40 kDa (predicted molecular weight: 27 kDa).
ICC/IF		Use at an assay dependent concentration.

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



**All lanes :** Anti-HDGF antibody [EPR7898] (**ab128921**) at 1/1000 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** A549 cell lysate

**Lane 3 :** SKBR-3 cell lysate

**Lane 4 :** ECV-304 cell lysate

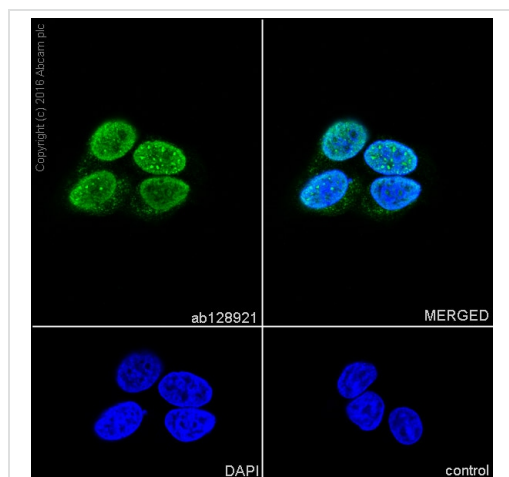
Lysates/proteins at 10 µg per lane.

### Secondary

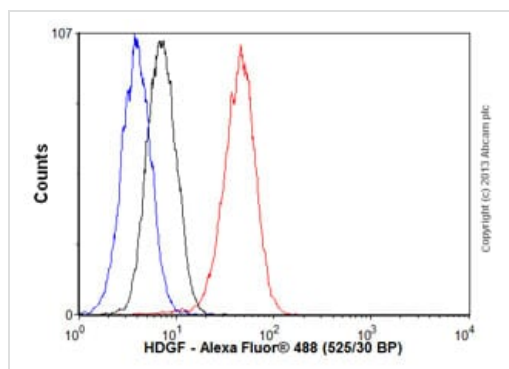
**All lanes :** Goat anti-rabbit HRP at 1/2000 dilution

**Predicted band size:** 27 kDa

This data was developed using **ab128921**, the same antibody clone in a different buffer formulation.

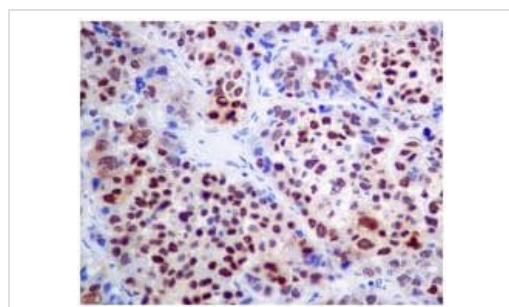


This data was developed using **ab128921**, the same antibody clone in a different buffer formulation. **ab128921** staining HDGF in MCF-7 (human breast carcinoma) cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with 4% PFA and permeabilized with 0.1% triton X-100. Samples were incubated with primary antibody at a dilution of 1/500. A goat anti rabbit IgG (Alexa Fluor® 488) (**ab150077**) was used as the secondary antibody at a dilution of 1/1000. DAPI was used as a nuclear counterstain and the negative control was PBS only.



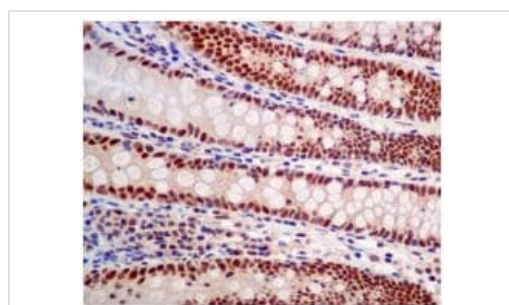
Flow Cytometry (Intracellular) - Anti-HDGF antibody  
[EPR7898] - BSA and Azide free (ab248221)

This data was developed using [ab128921](#), the same antibody clone in a different buffer formulation. Overlay histogram showing HeLa cells stained with [ab128921](#) (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody ([ab128921](#), 1/1000 dilution) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H&L) ([ab150077](#)) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (0.1 µg/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HDGF antibody  
[EPR7898] - BSA and Azide free (ab248221)

This data was developed using [ab128921](#), the same antibody clone in a different buffer formulation. [ab128921](#), at a 1/100 dilution, staining HDGF in paraffin embedded Human hepatocellular carcinoma tissue by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HDGF antibody  
[EPR7898] - BSA and Azide free (ab248221)

This data was developed using [ab128921](#), the same antibody clone in a different buffer formulation. [ab128921](#), at a 1/100 dilution, staining HDGF in paraffin embedded Human colon tissue by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

### 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-HDGF antibody [EPR7898] - BSA and Azide free (ab248221)

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

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