


### Anti-PF4 antibody [EPR7763] - BSA and Azide free ab248336

リコンビナント **RabMAb**

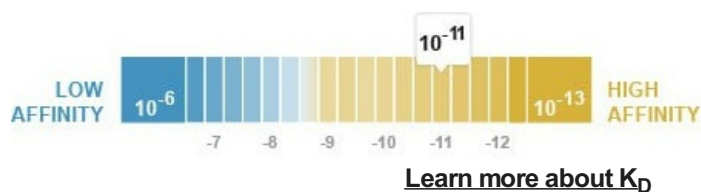
画像数 7

#### 製品の概要

製品名	Anti-PF4 antibody [EPR7763] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7763] to PF4 - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB <b>適用なし:</b> Flow Cyt (Intra) or 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> Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248336 is the carrier-free version of <a href="#">ab129183</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> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this 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 +4°C. Do Not Freeze.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 5.40 x 10 <sup>-11</sup> M



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	EPR7763
アイソタイプ	IgG

## アプリケーション

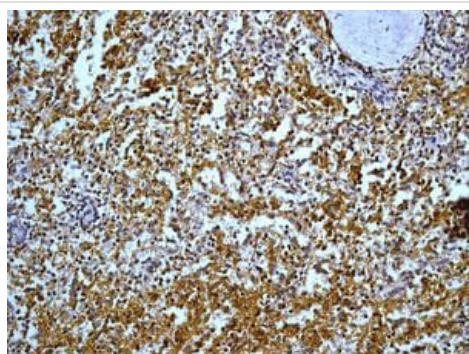
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab248336の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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 with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Predicted molecular weight: 11 kDa.

追加情報 Is unsuitable for Flow Cyt (Intra) or ICC/IF.

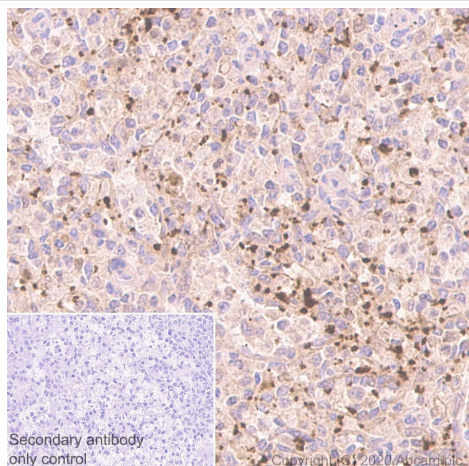
## ターゲット情報

機能	Released during platelet aggregation. Neutralizes the anticoagulant effect of heparin because it binds more strongly to heparin than to the chondroitin-4-sulfate chains of the carrier molecule. Chemotactic for neutrophils and monocytes. Inhibits endothelial cell proliferation, the short form is a more potent inhibitor than the longer form.
配列類似性	Belongs to the intercrine alpha (chemokine CxC) family.
翻訳後修飾	Binds non-covalently to a proteoglycan molecule.
細胞内局在	Secreted.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PF4 antibody [EPR7763]  
- BSA and Azide free (ab248336)

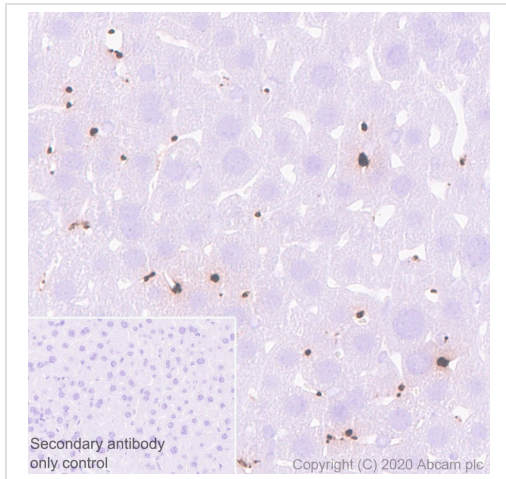
This data was developed using [ab129183](#), the same antibody clone in a different buffer formulation. [ab129183](#), at a 1/100 dilution, staining PF4 in paraffin embedded Human spleen tissue by Immunohistochemistry. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PF4 antibody [EPR7763]  
- BSA and Azide free (ab248336)

Immunohistochemical analysis of paraffin-embedded sections of human spleen tissue with primary antibody [ab129183](#) at 1/200 dilution and incubated at +4°C overnight, followed by secondary antibody Goat Anti-Rabbit IgG H&L (HRP polymer). Platelet staining on human spleen is observed. Counter stained with Hematoxylin. Heat mediated antigen retrieval using Antigen Retrieval Buffer (citrate buffer, pH 6.0) [ab93678](#).

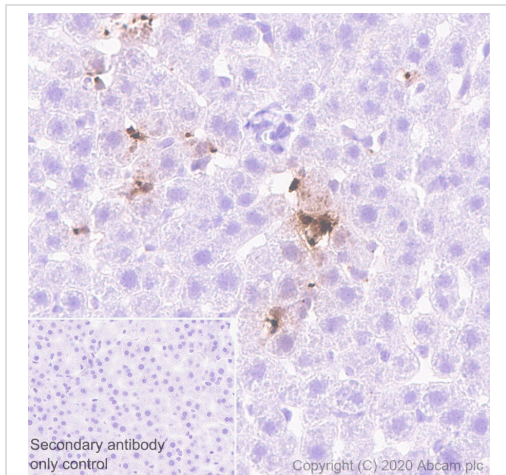
This data was developed using [ab129183](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PF4 antibody [EPR7763]  
- BSA and Azide free (ab248336)

Immunohistochemical analysis of paraffin-embedded sections of mouse liver tissue with primary antibody **ab129183** at 1/200 dilution and incubated at +4°C overnight, followed by secondary antibody Goat Anti-Rabbit IgG H&L (HRP polymer). Sporadically platelet staining on mouse liver is observed. Counter stained with Hematoxylin. Heat mediated antigen retrieval using Antigen Retrieval Buffer (citrate buffer, pH 6.0) **ab93678**.

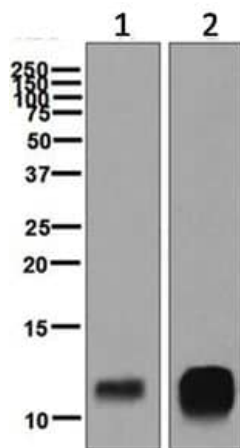
This data was developed using **ab129183**, the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PF4 antibody [EPR7763]  
- BSA and Azide free (ab248336)

Immunohistochemical analysis of paraffin-embedded sections of rat liver tissue with primary antibody **ab129183** at 1/200 dilution and incubated at +4°C overnight, followed by secondary antibody Goat Anti-Rabbit IgG H&L (HRP polymer). Positive staining on rat liver is observed. Counter stained with Hematoxylin. Heat mediated antigen retrieval using Antigen Retrieval Buffer (citrate buffer, pH 6.0) **ab93678**.

This data was developed using AB129183, the same antibody clone in a different buffer formulation.



Western blot - Anti-PF4 antibody [EPR7763] - BSA and Azide free (ab248336)

**All lanes** : Anti-PF4 antibody [EPR7763] ([ab129183](#)) at 1/1000 dilution

**Lane 1** : Human spleen lysates

**Lane 2** : Human platelet lysates

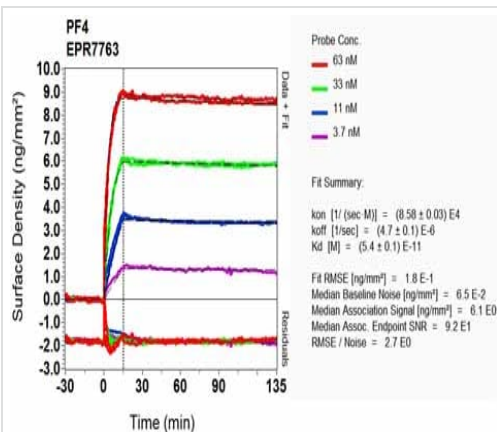
Lysates/proteins at 10 µg per lane.

### Secondary

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

**Predicted band size:** 11 kDa

This data was developed using [ab129183](#), the same antibody clone in a different buffer formulation.



SPR Scanning - Anti-PF4 antibody [EPR7763] - BSA and Azide free (ab248336)

This data was developed using [ab129183](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

### Why choose a recombinant antibody?



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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-PF4 antibody [EPR7763] - BSA and Azide free  
(ab248336)

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

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