

### Anti-PF4 antibody ab9561

★★★★★ [1 Abreviews](#) [12 References](#) [2 图像](#)

#### 概述

产品名称	Anti-PF4抗体
描述	兔多克隆抗体to PF4
宿主	Rabbit
经测试应用	适用于: WB, Sandwich ELISA
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Human PF4. Highly pure (>98%) recombinant hPF-4 (human Platelet Factor-4) Database link: <a href="#">P02776</a>
阳性对照	Recombinant human PF4 protein ( <a href="#">ab9562</a> ) can be used as a positive control in WB.
常规说明	<p>This product is no longer batch tested in IHC, for an IHC validated antibody please see <a href="#">ab49735</a></p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Lyophilized:Reconstitute with 200µl of sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
纯度	Immunogen affinity purified
克隆	多克隆
同种型	unknown
轻链类型	unknown

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab9561 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (1)	Use at an assay dependent concentration. Detects a band of approximately 11 kDa (predicted molecular weight: 11 kDa). To detect hPF-4 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hPF-4 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Sandwich ELISA		Use at an assay dependent concentration. Can be paired for Sandwich ELISA with <b>ab83123</b>

## 靶标

### 功能

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.

### 序列相似性

Belongs to the intercrine alpha (chemokine CxC) family.

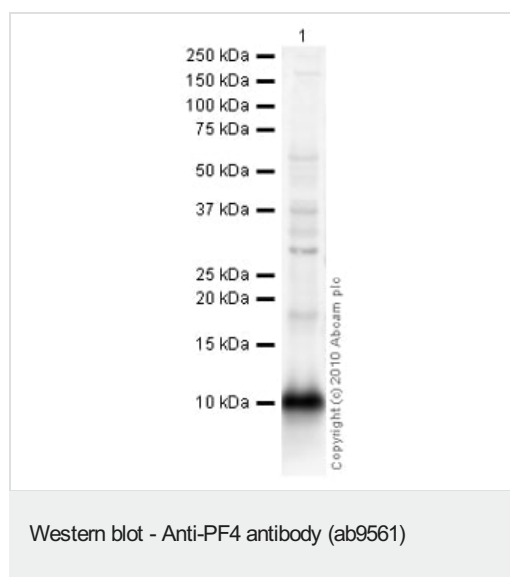
### 翻译后修饰

Binds non-covalently to a proteoglycan molecule.

### 细胞定位

Secreted.

## 图片



Anti-PF4 antibody (ab9561) at 1 µg/ml + Human Platelet (Human adult normal cell line) Whole Cell Lysate at 10 µg

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

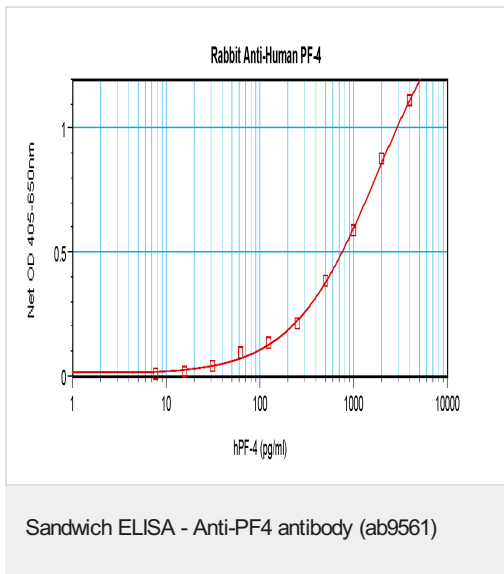
Performed under reducing conditions.

**Predicted band size:** 11 kDa

**Observed band size:** 11 kDa

**Additional bands at:** 18 kDa, 30 kDa, 37 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 2 minutes



To detect Human PF-4 by sandwich ELISA (using 100µl/well) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with suitable detection antibody, allows the detection of at least 2000-4000 pg/ml of Recombinant Human PF-4.

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

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- 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

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