

**PF4 Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21972a****Specification**

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**PF4 Antibody (N-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P02776</a>
Other Accession	<a href="#">P10720</a>
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	10845

**PF4 Antibody (N-Term) - Additional Information****Gene ID** 5196**Other Names**

Platelet factor 4, PF-4, C-X-C motif chemokine 4, Iroplact, Oncostatin-A, Platelet factor 4, short form, PF4, CXCL4, SCYB4

**Target/Specificity**

This PF4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 28-59 amino acids from human PF4.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PF4 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PF4 Antibody (N-Term) - Protein Information****Name** PF4**Synonyms** CXCL4, SCYB4

**Function** 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.

#### **Cellular Location**

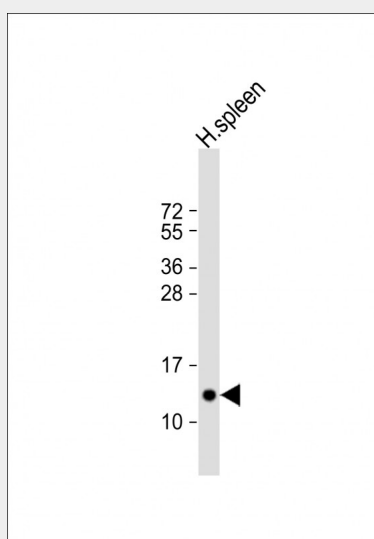
Secreted.

#### **PF4 Antibody (N-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **PF4 Antibody (N-Term) - Images**



Anti-PF4 Antibody (N-Term) at 1:2000 dilution + human spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

#### **PF4 Antibody (N-Term) - Background**

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#### **PF4 Antibody (N-Term) - References**

Poncz M., et al. Blood 69:219-223(1987).

Eisman R.,et al.Blood 76:336-344(1990).  
Zhang C.,et al.Blood 98:610-617(2001).  
Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.  
Hillier L.W.,et al.Nature 434:724-731(2005).