

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

Specification

PF4 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	P02776
Other Accession	P10720
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
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

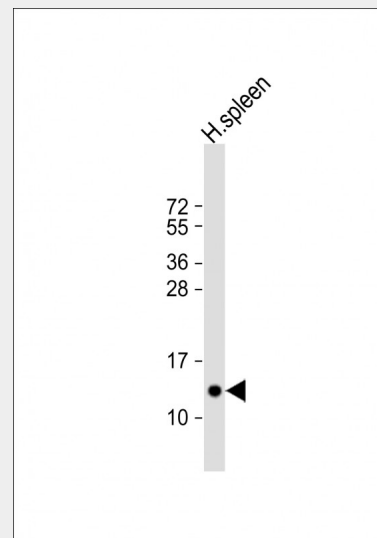
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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



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

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.

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).

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](#)