

## PF4 Antibody / Platelet factor 4 (F53887)

Catalog No.	Formulation	Size
F53887-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53887-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P02776
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	This PF4 antibody is available for research use only.



Western blot testing of human spleen lysate with PF4 antibody at 1:2000. Expected molecular weight: ~8/16/32 kDa (monomer/dimer/tetramer).

## Description

Platelet factor 4 is 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.

## Application Notes

Titration of the PF4 antibody may be required due to differences in protocols and substrate sensitivity.

## Immunogen

A portion of amino acids 28-59 from the human protein was used as the immunogen for the PF4 antibody.

## **Storage**

Aliquot the PF4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.