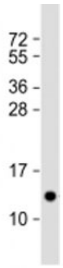
PF4 Antibody / Platelet factor 4 (F53887)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P02776
Applications	Western blot: 1:1000-2000
Limitations	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.

PF4 Antibody detects a platelet alpha granule protein involved in platelet activation, chemokine release and immune signaling; additional platelet biology research tools are available on our PF4 Antibody / Platelet Activation Marker Antibody page.

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.

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