

**Product Name: PF-4 Rabbit Polyclonal Antibody**  
**Catalog #: APRab16007**



## Summary

<b>Production Name</b>	PF-4 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	PF4 CXCL4 SCYB4
<b>Alternative Names</b>	Platelet factor 4 (PF-4;C-X-C motif chemokine 4;Iroplact;Oncostatin-A) [Cleaved into: Platelet factor 4, short form]
<b>Gene ID</b>	5196.0
<b>SwissProt ID</b>	P02776.Synthetic peptide from human protein at AA range: 51-100

## Application

<b>Dilution Ratio</b>	IHC 1:50-300; ELISA 2000-20000
<b>Molecular Weight</b>	

## Background

This gene encodes a member of the CXC chemokine family. This chemokine is released from the alpha granules of

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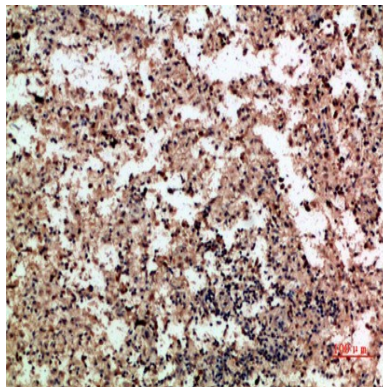


activated platelets in the form of a homotetramer which has high affinity for heparin and is involved in platelet aggregation. This protein is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. The protein also exhibits antimicrobial activity against Plasmodium falciparum. [provided by RefSeq, Oct 2014],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.,mass spectrometry: PubMed:7644496,mass spectrometry:Short form PubMed:7644496,online information: CXCL4 entry,PTM: Binds non-covalently to a proteoglycan molecule.,similarity: Belongs to the intercrine alpha (chemokine CxC) family.,subunit: Homotetramer.,

## Research Area

Cytokine-cytokine receptor interaction; Chemokine;

## Image Data



Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:200

## Note

For research use only.