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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000

Molecular Weight

Antigen Information

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

Background

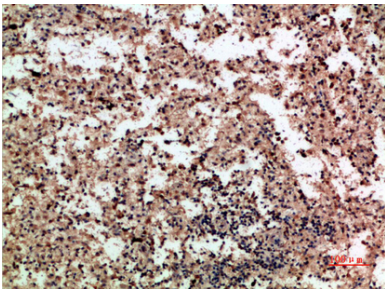
This gene encodes a member of the CXC chemokine family. This chemokine is released from the alpha granules of activated

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