



# PF-4 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-10726
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat
<b>Applications</b>	WB;ELISA;IHC
<b>Gene Name</b>	PF4 CXCL4 SCYB4
<b>Protein Name</b>	Platelet factor 4 (PF-4) (C-X-C motif chemokine 4) (Iroplact) (Oncostatin-A) [Cleaved into: Platelet factor 4, short form]
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 51-100
<b>Specificity</b>	The antibody detects endogenous PF-4
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Platelet factor 4 (PF-4;C-X-C motif chemokine 4;Iroplact;Oncostatin-A) [Cleaved into: Platelet factor 4, short form]
<b>Observed Band</b>	
<b>Cell Pathway</b>	Secreted .
<b>Tissue Specificity</b>	Leukocyte,
<b>Function</b>	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 Cx) family.,subunit: Homotetramer.,
<b>Background</b>	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],

**matters needing attention**

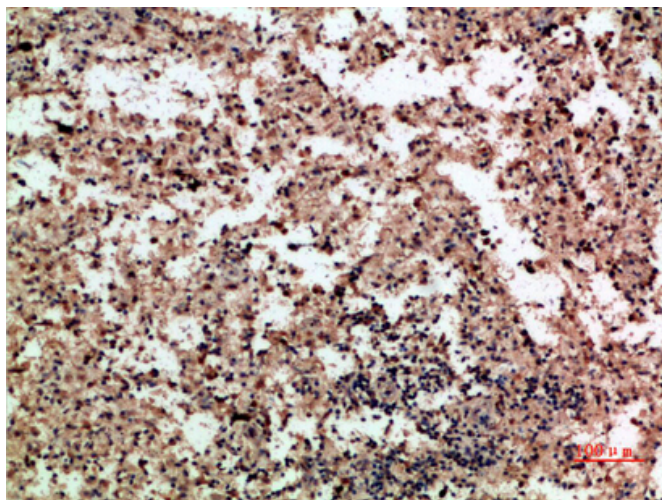
Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



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

