

## PF-4 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP12959
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic peptide from human protein at AA range: 51-100
Mol wt	N/A
Species reactivity	Human, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Platelet factor 4
Synonyms	Platelet factor 4 ;PF-4;C-X-C motif chemokine 4;Iroplact;Oncostatin-A [Cleaved into: Platelet factor 4, short form]; Platelet factor 4; PF-4; C-X-C motif chemokine 4; Iroplact; Oncostatin-A; Platelet factor 4, short form;

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

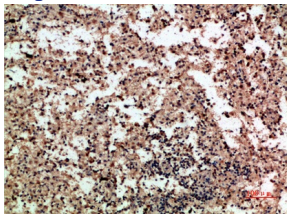
### Recommended Dilution

IHC-p: 1: 50 - 1: 200

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for 1 year