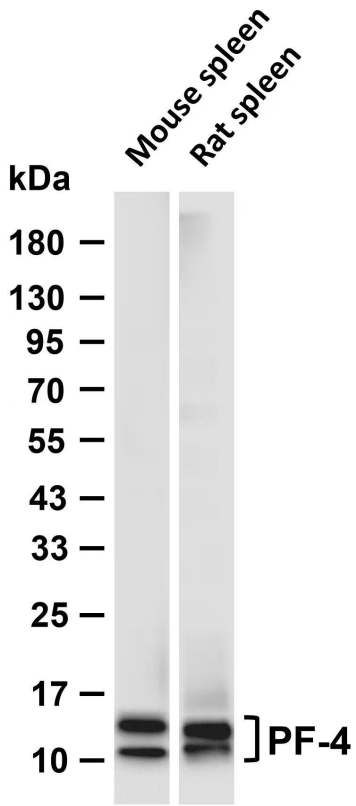
PF-4 (PT2282R) Mouse mAb

Catalog No	YP-mAb-19585
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	PF4 CXCL4 SCYB4
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal,Mouse,IgG
Purification	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	PF4 CXCL4 SCYB4;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 ; [Cleaved into: Platelet factor 4,short form]
Observed Band	10-15kD
Calculated Molecular Weight	11kD
Cell Pathway	Secreted .
Tissue Specificity	Leukocyte ,
Function	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. ,
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] ,
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



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was incubated with anti-PF-4 (PT2282R) antibody at a dilution of 1:10000. The HRP-conjugated Goat anti-Mouse IgG (H + L) antibody was used to detect the antibody.

Lane 1: Mouse spleen
Lane 2: Rat spleen

Predicted band size: 11kDa
Observed band size: 10-15kDa