



[Go to Product page](#)

Datasheet for ABIN7101555

anti-PF4 antibody

5 Images

Overview

Quantity:	20 µL
Target:	PF4
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PF4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human CXCL4/CXCL4/PF4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PF4
Alternative Name:	PF4 (PF4 Products)
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

Target Details

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],CXCL4, PF-4, SCYB4,Angiogenesis,Blood,Cardiovascular,Cell Intrinsic Innate Immunity Signaling Pathway,Cytokines,Immunology & Inflammation,Innate Immunity_Chemokines,PF4

Molecular Weight: 11 kDa

Gene ID: 5196

UniProt: [P02776](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

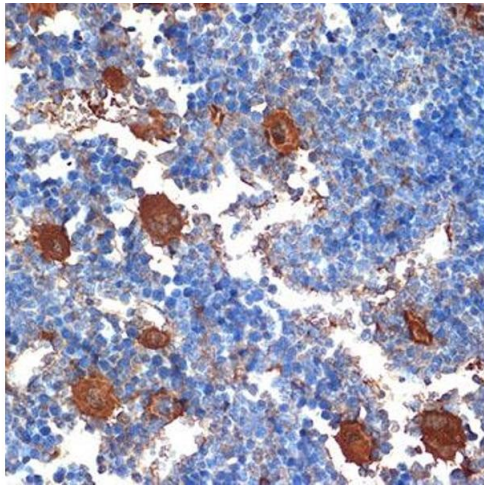
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

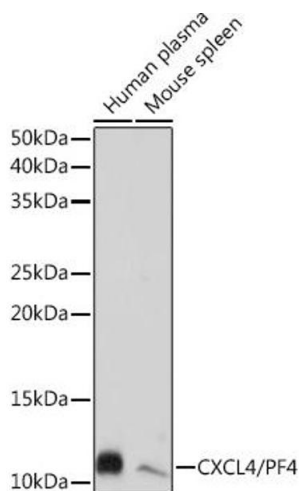
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



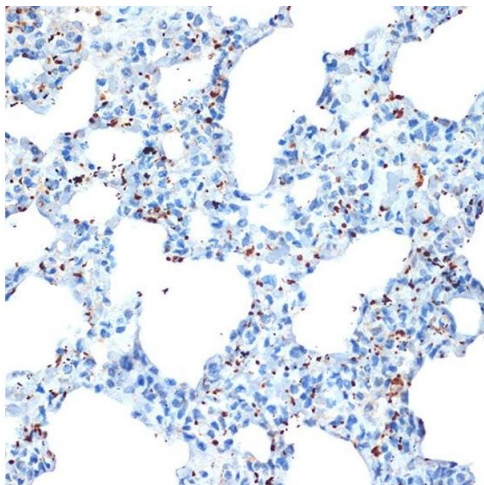
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse bone marrow using CXCL4/CXCL4/PF4 Rabbit mAb (ABIN1683188, ABIN3017983, ABIN3017984 and ABIN7101555) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CXCL4/CXCL4/PF4 Rabbit mAb (ABIN1683188, ABIN3017983, ABIN3017984 and ABIN7101555) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat lung using CXCL4/CXCL4/PF4 Rabbit mAb (ABIN1683188, ABIN3017983, ABIN3017984 and ABIN7101555) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7101555.