A17376

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CXCL4/PF4 Rabbit pAb

Catalog No.: A17376 2 Publications

Basic Information

Observed MW
10 kDa

Calculated MW
11 kDa

Category
Polyclonal Antibody

Applications
WB,IHC-P,ELISA,IF-P

Cross-Reactivity
Human,Mouse,Rat

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 Dilutions

WB	1:500 - 1:1000
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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Immunogen Information

Gene ID
5196

Swiss Prot
P02776

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
PF-4; CXCL4; SCYB4; CXCL4/PF4

Product Information

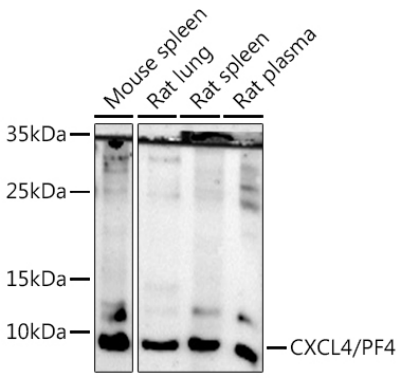
Source
Rabbit

Isotype
IgG

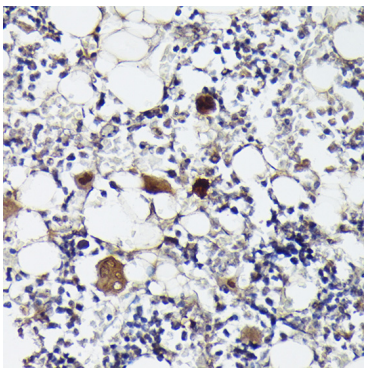
Purification
Affinity purification

Storage
Store at -20℃

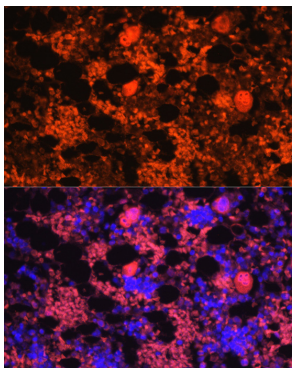
Validation Data



Western blot analysis of various lysates using CXCL4/PF4 Rabbit pAb (A17376) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Rat bone marrow using CXCL4/PF4 Rabbit pAb (A17376) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded rat bone marrow using CXCL4/PF4 Rabbit pAb (A17376) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

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Please visit https://abclonal.com for a complete listing of recommended products.