

CXCL4/PF4 Rabbit mAb

Catalog No.: A3694 **Recombinant** **1 Publications**

Basic Information

Observed MW

11kDa

Calculated MW

11kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2076

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 1:1000 - 1:4000

IHC-P 1:100 - 1:1000

IF/ICC 1:100 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5196

Swiss Prot

P02776

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-101 of human CXCL4/CXCL4/PF4 (P02776).

Synonyms

PF-4; CXCL4; SCYB4; CXCL4/PF4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

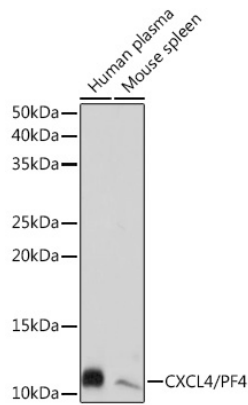
Affinity purification

Storage

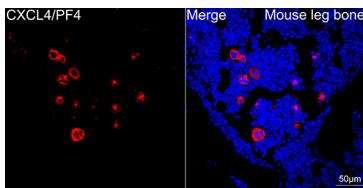
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

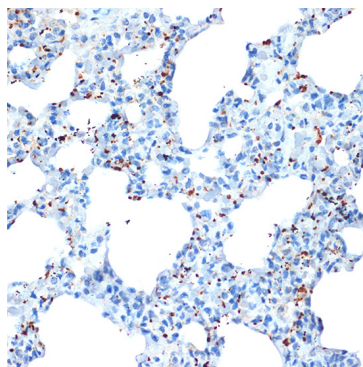
Validation Data



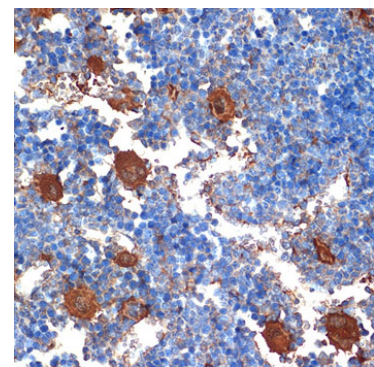
Western blot analysis of various lysates using CXCL4/PF4 Rabbit mAb (A3694) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Confocal imaging of Mouse leg bone using CXCL4/PF4 Rabbit mAb (A3694, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Rat lung using CXCL4/PF4 Rabbit mAb (A3694) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse bone marrow using CXCL4/PF4 Rabbit mAb (A3694) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.