

A3694

Leader in Biomolecular Solutions for Life Science



## CXCL4/PF4 Rabbit mAb

Catalog No.: A3694

Recombinant

1 Publications

### Basic Information

#### Observed MW

11kDa

#### Calculated MW

11kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,IHC-P,ELISA,IF-P

#### 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

**IF-P** 1:100 - 1:1000

**IHC-P** 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

Synthetic peptide. 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°C. Avoid freeze / thaw cycles.

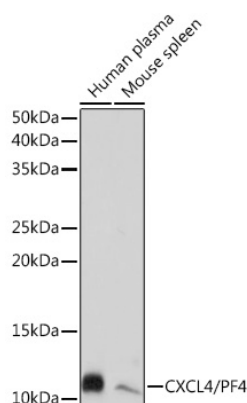
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

### Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Western blot analysis of various lysates using CXCL4/PF4 Rabbit mAb (A3694) at 1:1000 dilution.

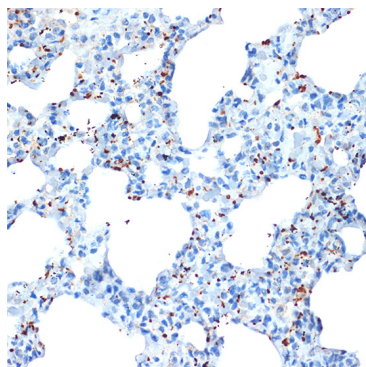
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

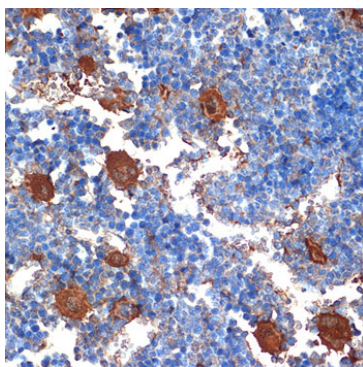
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

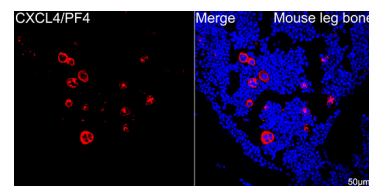
Exposure time: 30s.



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.



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.