

## CXCL4/PF4 Monoclonal Antibody

**CAB3694**

### Description

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This CXCL4/PF4 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB3694  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** PF-4, CXCL4, SCYB4, CXCL4/PF4  
**Clone:** ARC2076  
**Applications:** **WB** | **IHC-P** | **ELISA** | **IF-P**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 5196  
**Uniprot:** AB\_2863119  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 11kDa  
**Calculated MW:** 11kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

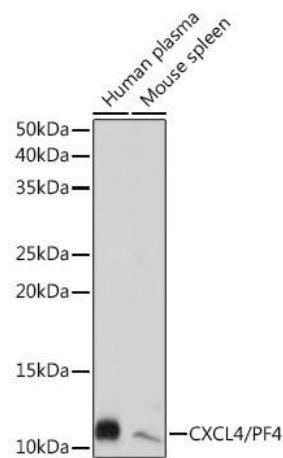
**Positive Sample:** Human plasma, Mouse spleen

<b>Recommended Dilutions:</b>	<b>WB</b>	1:1000 - 1:4000
	<b>IF-P</b>	1:100 - 1:1000
	<b>IHC-P</b>	1:100 - 1:1000
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

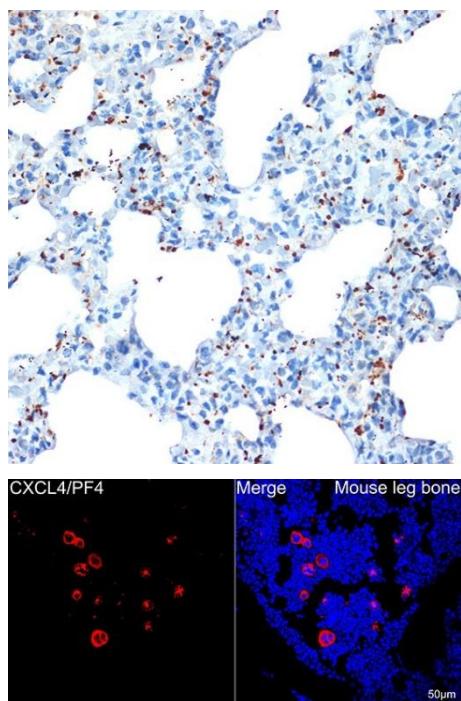
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Western blot analysis of various lysates using CXCL4/Rabbit mAb (CAB3694) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat lung using CXCL4/ Rabbit mAb (CAB3694) 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/ Rabbit mAb (CAB3694,dilution 1:100)(Red). DAPI was used for nuclear staining (blue). Objective: 40x.