

# Product Datasheet

## CXCL4/PF4 Antibody (6Q10H2)

### NBP3-16251-100ul

Unit Size: 100 ul

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

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#### Publications: 2

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Updated 2/6/2025 v.20.1

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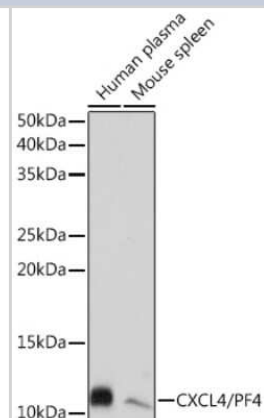
**NBP3-16251-100ul**

CXCL4/PF4 Antibody (6Q10H2)

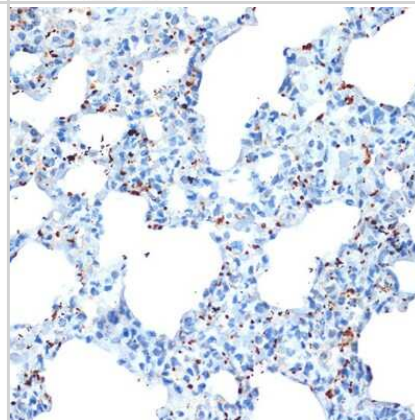
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6Q10H2
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	11 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5196
<b>Gene Symbol</b>	PF4
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1-101 of human CXCL4/CXCL4/PF4 (P02776). MSSAAGFCASRPGLLFLGLLLLPLVVAFASAEAEEDGDLQCLCVKTTSQVRPR HITSLEVIKAGPHCPTAQLIATLKNRGIKICLDLQAPLYKKIKLLLES
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:4000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:1000, Immunohistochemistry-Paraffin 1:100 - 1:1000

## Images

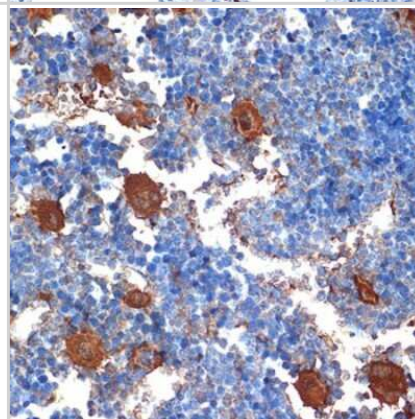
**Western Blot: CXCL4/PF4 Antibody (6Q10H2) [NBP3-16251]** - Western blot analysis of extracts of various cell lines, using CXCL4/CXCL4/PF4 Rabbit mAb (NBP3-16251) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



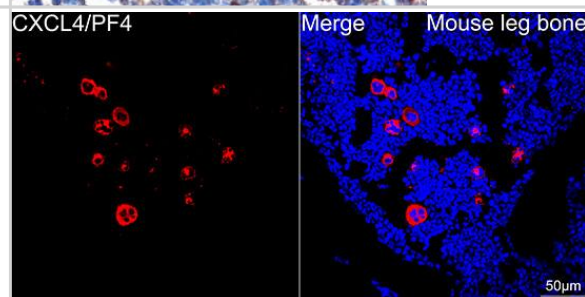
**Immunohistochemistry-Paraffin: CXCL4/PF4 Antibody (6Q10H2) [NBP3-16251]** - Immunohistochemistry of paraffin-embedded rat lung using CXCL4/CXCL4/PF4 Rabbit mAb (NBP3-16251) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: CXCL4/PF4 Antibody (6Q10H2) [NBP3-16251]** - Immunohistochemistry of paraffin-embedded mouse bone marrow using CXCL4/CXCL4/PF4 Rabbit mAb (NBP3-16251) 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.



**Immunocytochemistry/ Immunofluorescence: CXCL4/PF4 Antibody (6Q10H2) [NBP3-16251]** - Confocal imaging of Mouse leg bone using CXCL4/PF4 Rabbit mAb. DAPI was used for nuclear staining (blue). Objective: 40x.



## Publications

Aleksandra K. Drelich, Kempaiah Rayavara, Jason Hsu, Panatda Saenkham-Huntsinger, Barbara M. Judy, Vivian Tat, Thomas G. Ksiazek, Bi-Hung Peng, Chien-Te K. Tseng, Julie Fox Characterization of Unique Pathological Features of COVID-Associated Coagulopathy: Studies with AC70 hACE2 Transgenic Mice Highly Permissive to SARS-CoV-2 Infection PLOS Pathogens 2024-06-24 [PMID: 38913740]

Drelich A, Rayavara K, Hsu J et al. Characterization of Unique Pathological Features of COVID-Associated Coagulopathy: Studies with AC70 hACE2 Transgenic Mice Highly Permissive to SARS-CoV-2 Infection bioRxiv 2023-10-31





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### **Products Related to NBP3-16251-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35209-5ug	Recombinant Human CXCL4/PF4 Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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