

# Product Datasheet

## CXCR3 Antibody - BSA Free

### NBP2-41250

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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#### Publications: 4

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Updated 10/23/2024 v.20.1

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**NBP2-41250**

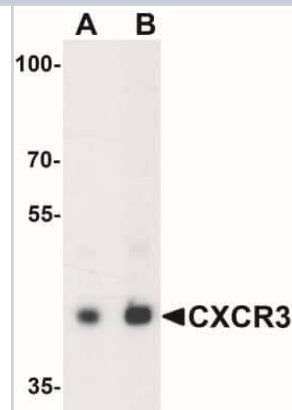
CXCR3 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	43 kDa
Product Description	
Host	Rabbit
Gene ID	2833
Gene Symbol	CXCR3
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Goat (89%), Bovine (88%).
Specificity/Sensitivity	At least two isoforms of CXCR3 are known to exist; this antibody will detect both isoforms.
Immunogen	Antibody was raised against a 19 amino acid peptide near the carboxy terminus of human CXCR3 . The immunogen is located within the last 50 amino acids of CXCR3. Amino Acid Sequence: RGLQRQPSSSRDSSWSET
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1 - 2 ug/ml, ELISA, Immunocytochemistry/ Immunofluorescence 5 - 20 ug/ml

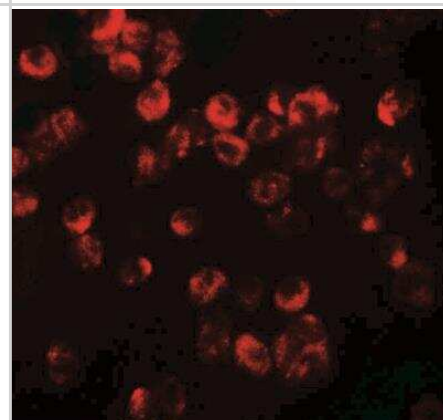


## Images

Western Blot: CXCR3 Antibody [NBP2-41250] - Analysis of CXCR3 in HepG2 lysate with CXCR3 antibody at (A) 1 and (B) 2 ug/ml.



Immunocytochemistry/Immunofluorescence: CXCR3 Antibody [NBP2-41250] - CXCR3 in HepG2 cells with CXCR3 antibody at 20 ug/mL.



Immunocytochemistry/Immunofluorescence: CXCR3 Antibody [NBP2-41250] - Immunocytochemistry of CXCR3 in HepG2 cells with CXCR3 antibody at 5 ug/mL.



## Publications

Mohammed S, Torres Luquis O, Walls E, Lloyd F. Lymph-Circulating Tumor Cells show distinct properties to Blood-Circulating Tumor Cells and constitute extraordinary efficient metastatic precursors Mol Oncol 2019-04-27 [PMID: 31026363]

Lim SW, Shin YJ, Cui S et al. Therapeutic effect of multiple functional minicircle vector encoding anti-CD25/IL-10/CXCR3 in allograft rejection model The Korean journal of internal medicine 2022-06-21 [PMID: 35725307] (ELISA)

Petrisko TJ, Bloemer J, Pinky PD et al. Neuronal CXCL10/CXCR3 Axis Mediates the Induction of Cerebral Hyperexcitability by Peripheral Viral Challenge Front Neurosci 2020-03-24 [PMID: 32265633] (ICC/IF, Mouse)

Piotrowska A, Rojewska E, Pawlik K et al. Pharmacological blockade of CXCR3 by NBI-74330 reduces neuropathic pain and enhances opioid effectiveness, evidence from in vivo and in vitro studies Biochim. Biophys. Acta 2018-08-01 [PMID: 30076959] (ICC/IF, Rat)



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### **Products Related to NBP2-41250**

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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
NB100-56404PEP	CXCR3 Antibody Blocking Peptide

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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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