

Product Datasheet

CX3CR1 Antibody - BSA Free

NBP1-76949

Unit Size: 0.1 mg

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

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NBP1-76949

CX3CR1 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	Immunogen affinity purified
Buffer	PBS

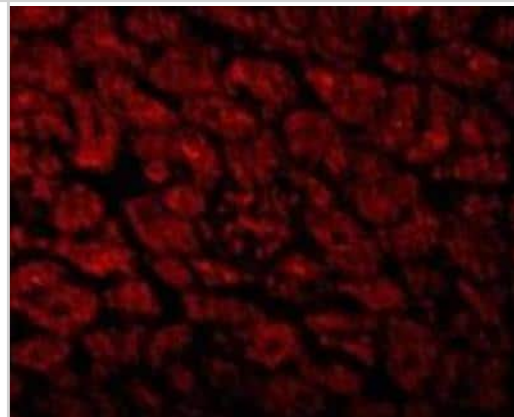
Product Description	
Description	Novus Biologicals Rabbit CX3CR1 Antibody - BSA Free (NBP1-76949) is a polyclonal antibody validated for use in IHC, ELISA and ICC/IF. Anti-CX3CR1 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1524
Gene Symbol	CX3CR1
Species	Human, Mouse
Immunogen	Antibody was raised against a peptide corresponding to amino acids 2 to 21 of human CX3CR1. The sequence differs from those of mouse and rat CX3CR1 by four amino acids (NP_001328).

Product Application Details	
Applications	Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 10ug/mL. Use reported in scientific literature, Immunohistochemistry-Paraffin 2 ug/ml, Immunohistochemistry-Frozen reported in scientific literature (PMID 20683935)

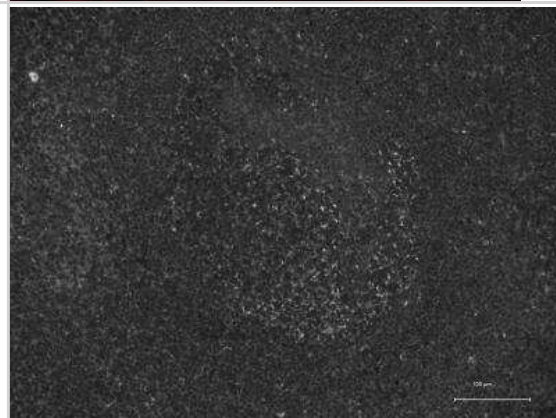


Images

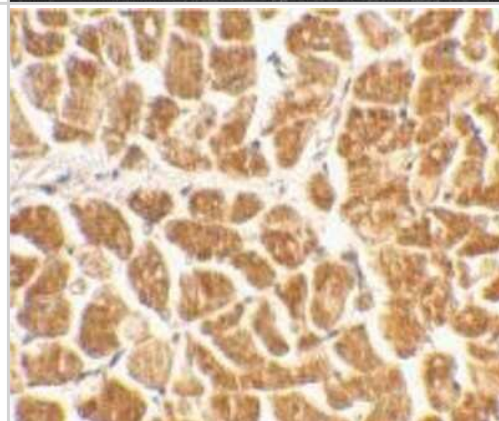
Immunocytochemistry/Immunofluorescence: CX3CR1 Antibody [NBP1-76949] - Staining of Human Heart cells with CX3CR1.



Immunohistochemistry-Paraffin: CX3CR1 Antibody [NBP1-76949] - Human tonsil, pH9 antigen retrieval. Image from verified customer review.



Immunohistochemistry-Paraffin: CX3CR1 Antibody [NBP1-76949] - Human heart tissue using CX3CR1 antibody at 2 ug/ml.



Publications

Zhao X, Yu J, Xu B et al. Gut-derived bacterial vesicles carrying lipopolysaccharide promote microglia-mediated synaptic pruning Alzheimer's & Dementia 2025-07-29 [PMID: 40731189]

Zheng L, Ling W, Zhu D et al. Roquin-1 resolves sepsis-associated acute liver injury by regulating inflammatory profiles via miRNA cargo in extracellular vesicles iScience 2023-08-01 [PMID: 37554446] (ICC/IF, Mouse)

Jin X, Jian Z, Chen X et al. Short Chain Fatty Acids Prevent Glyoxylate-Induced Calcium Oxalate Stones by GPR43-Dependent Immunomodulatory Mechanism Front Immunol 2021-10-15 [PMID: 34675921] (IHC-P, Mouse)

Xu K, Chen S, Xie L, et al. Local Macrophage-Related Immune Response Is Involved in Cochlear Epithelial Damage in Distinct Gjb2-Related Hereditary Deafness Models Frontiers in cell and developmental biology 2020-01-11 [PMID: 33505961] (IHC-Fr, Mouse)

Sellgren C M, Sheridan S D, Gracias J et al. Patient-specific models of microglia-mediated engulfment of synapses and neural progenitors. Molecular Psychiatry 2017-01-01 [PMID: 27956744] (ICC/IF, Human)

Oh IS, Suh DW, Ha KY et al. Hypertrophy of the Ligament Flavum in Degenerative Lumbar Stenosis Associated with the Increased Expression of Fractalkine (CX3CL1)/CX3CR1 Chemokine (CX3CL1)/CX3CR1. Connect Tissue Res. 2013-09-23 [PMID: 24060055] (IHC-P, Human)

Aoyama T, Inokuchi S, Brenner DA, Seki E. CX3CL1-CX3CR1 interaction prevents carbon tetrachloride-induced liver inflammation and fibrosis in mice. Hepatology 2010-10-01 [PMID: 20683935] (IHC-Fr, Mouse)





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Products Related to NBP1-76949

NBP1-76949PEP-0.1mg	CX3CR1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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