

Product Datasheet

CXCR4 Antibody

NBP1-21437

Unit Size: 0.05 mg

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

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NBP1-21437

CXCR4 Antibody

Product Information

Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 0.1% BSA

Product Description

Host	Goat
Gene ID	7852
Gene Symbol	CXCR4
Species	Mouse, Xenopus
Specificity/Sensitivity	NBP1-21437 recognizes an epitope within the N-terminal (NT) region of mouse CD184, otherwise known as CXCR4 (C-X-C chemokine receptor type 4), a transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, ubiquitously expressed in blood and tissue cells, which acts as a specific receptor for the chemokine SDF-1 (Stromal cell-derived factor 1). Interaction of CD184 with SDF-1 mediates the chemotaxis of progenitor and mature blood cells, and is critical for B-lymphopoiesis and myelopoiesis. CD184 is a major coreceptor for infection by T-cell tropic strains of HIV1, and also a primary receptor for some HIV2 isolates. NBP1-21437 is reported as suitable for use in immunocytochemistry on mouse spleen leucocytes.
Immunogen	Synthetic peptide YSEEVGSGDYDSNKEPCFRDENHFNR corresponding to amino acids 14-40 within the N terminal region of mouse CD184.

Product Application Details

Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, ELISA 1:50000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:300
Application Notes	Feedback on frozen sections has been negative. Other histochemical applications have worked.



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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