

Product Datasheet

CXCR4 Antibody [Janelia Fluor® 646]

NBP1-76480JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-76480JF646

CXCR4 Antibody [Janelia Fluor® 646]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Janelia Fluor 646
Purity	Peptide affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	7852
Gene Symbol	CXCR4
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (86%), Sheep (86%).
Specificity/Sensitivity	Human CXCR4 has four isoforms, including isoform a (356aa, 40.2kD), isoform b (352aa, 39.7kD), isoform c (423aa, 47.6kD), and isoform d (385aa, 43.4kD). This antibody detects human isoform b only, but not other human isoforms. Mouse CXCR4 has two isoforms, including isoform 1 (359aa, 40.4kD) and isoform 2 (357aa, 40.2kD). Rat CXCR4 has only one isoform identified so far (349aa, 39.4kD).
Immunogen	Antibody was raised against a peptide corresponding to 15 amino acids near the center of human CXCR4 isoform b. The immunogen is located within amino acids 170-220 of CXCR4. Amino Acid Sequence: DRYICDRFYPNDLWV
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP1-76480JF646

NBP2-24891JF646	Rabbit IgG Isotype Control [Janelia Fluor 646]
NB100-56437PEP	CXCR4 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NB100-74396PEP	CXCR4 Antibody Blocking Peptide

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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