

Product Datasheet

CXCR4 Antibody NB100-716

Unit Size: 0.1 mg

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

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NB100-716**CXCR4 Antibody****Product Information**

Unit Size	0.1 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	10mM KHPO ₄ , 0.14M NaCl and 1.0 mg/ml BSA

Product Description

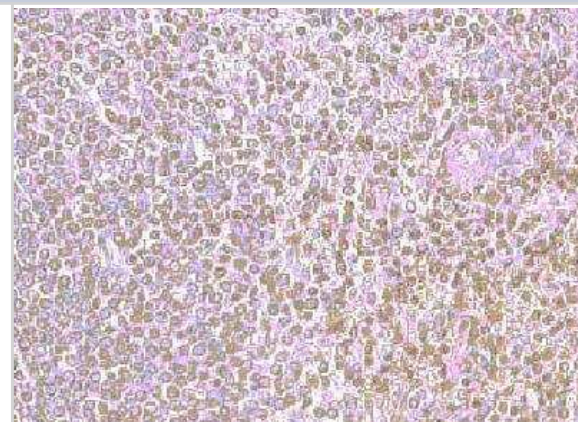
Host	Goat
Gene ID	7852
Gene Symbol	CXCR4
Species	Human, Rat
Specificity/Sensitivity	Peptide sequence is < 50% identical to other human chemokine receptors in this region
Immunogen	Synthetic peptide (TEEMGSGDYDSMKEPCFRENNANFNKC) corresponding to N-terminal extracellular domain of human CXCR4 receptor.

Product Application Details

Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:250, ELISA 1:25000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

Images

Immunohistochemistry-Paraffin: CXCR4 Antibody [NB100-716] - Human spleen

**Publications**

Xu H, Peng C, Chen XT et al. Chemokine receptor CXCR4 activates the RhoA/ROCK2 pathway in spinal neurons that induces bone cancer pain Mol Pain 2020-05-01 [PMID: 32349612] (ICC/IF, WB, Rat)

Hu XM, Zhang H, Xu H et al. Chemokine receptor CXCR4 regulates CaMKII/CREB pathway in spinal neurons that underlies cancer-induced bone pain. Sci Rep. [PMID: 28638088] (WB, Rat)

Dimedi-Camassei, F, McDowell, H, De Ioris, M et al. Clinical Significance of CXC Chemokine Receptor-4 c-Met in Childhood Rhabdomyosarcoma. Clin. Cancer Res., 14: 4119-4127. 2008-07-01 [PMID: 18593989]





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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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