

Product Datasheet

CXCL12/SDF-1 Antibody (MM0211-9N26) - Azide and BSA Free NBP2-12221

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP2-12221

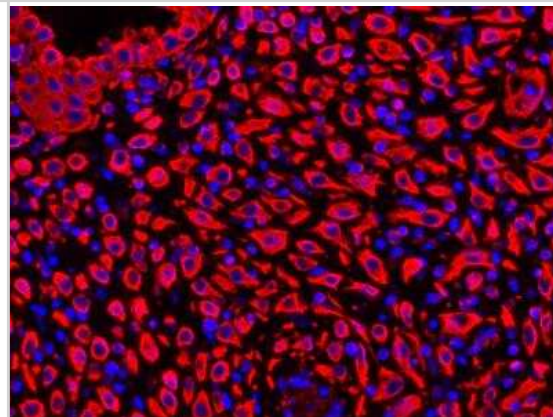
CXCL12/SDF-1 Antibody (MM0211-9N26) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MM0211-9N26
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterilized PBS to a final concentration of 0.5 mg/ml.
Isotype	IgG1
Purity	Protein G purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS. 0.025 mg size is provided in liquid form, PBS
Product Description	
Host	Mouse
Gene ID	6387
Gene Symbol	CXCL12
Species	Human, Rat, Sheep
Reactivity Notes	Use in Rat reported in scientific literature (PMID:32197646). Sheep reactivity from a verified customer review.
Specificity/Sensitivity	Detects human CXCL12 (both 1-alpha and 1 beta).
Immunogen	Human recombinant CXCL12/SDF-1
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Block/Neutralize, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:20-200, ELISA, Immunohistochemistry 1:50-100, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50-100, Immunohistochemistry-Frozen, CyTOF-ready, Block/Neutralize
Application Notes	This antibody is Cytof ready. IHC-F reported in a verified customer review. Use in Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID:32184090). Use in ELISA reported in scientific literature (PMID:32197646).

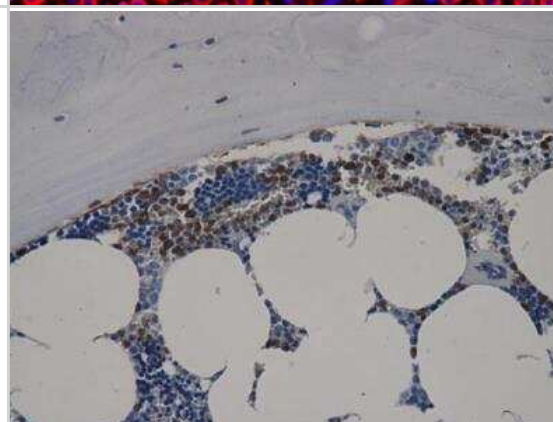


Images

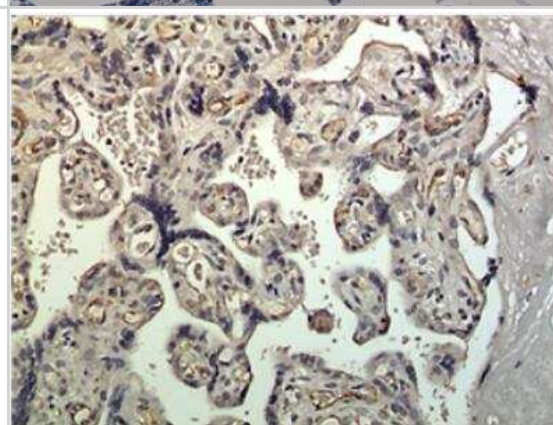
Immunohistochemistry-Frozen: CXCL12/SDF-1 Antibody (MM0211-9N26) [NBP2-12221] - Staining in human uterus tissue.



Immunohistochemistry-Paraffin: CXCL12/SDF-1 Antibody (MM0211-9N26) [NBP2-12221] - CXCL12/SDF1 in sheep bone marrow. Image from verified customer review.



Immunohistochemistry-Paraffin: CXCL12/SDF-1 Antibody (MM0211-9N26) [NBP2-12221] - 10% Buffer formalin fixed and paraffine embedded human placental tissue section (4um) is subjected IHC staining using NBP2-12221. Tissue section was pretreated in citric buffer (pH 6.0) with microwave for antigen retrieval before IHC is applied.



Publications

Sozen E, Yazgan B, Tok Oe et Al. Cholesterol induced autophagy via IRE1/JNK pathway promotes autophagic cell death in heart tissue *Metab. Clin. Exp.* 2020-03-14 [PMID: 32184090] (IF, Rat)

Details:
H9c2 cell line

Yang Y, Pan Q, Zou K et Al. Administration of allogeneic mesenchymal stem cells in lengthening phase accelerates early bone consolidation in rat distraction osteogenesis model *Stem Cell Res Ther* 2020-03-20 [PMID: 32197646] (ELISA, Rat)



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Products Related to NBP2-12221

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-12221UV	CXCL12/SDF-1 Antibody (MM0211-9N26) [DyLight 350]

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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