

# Product Datasheet

## STRO-1 Antibody (STRO-1) - Azide and BSA Free NBP2-80966

Unit Size: 0.1 ml

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

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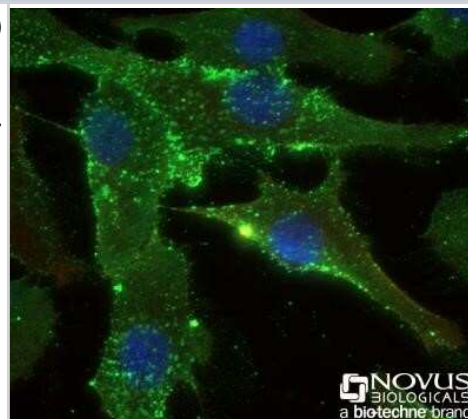


**NBP2-80966****STRO-1 Antibody (STRO-1) - Azide and BSA Free**

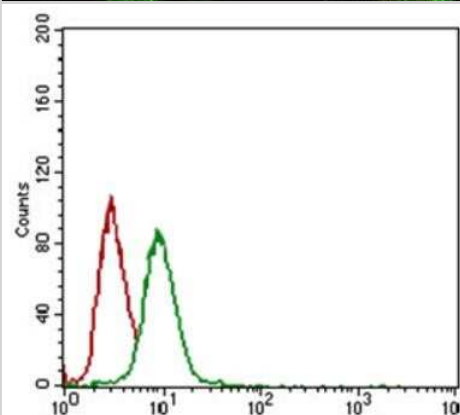
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	STRO-1
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgM Lambda
<b>Purity</b>	IgM purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Human
<b>Immunogen</b>	Human CD34+ bone marrow cells.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Immunocytochemistry
<b>Recommended Dilutions</b>	Flow Cytometry 1:400, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunocytochemistry, CyTOF-ready
<b>Application Notes</b>	This STRO-1 Antibody is useful for Immunocytochemistry/Immunofluorescence and Flow Cytometry.

## Images

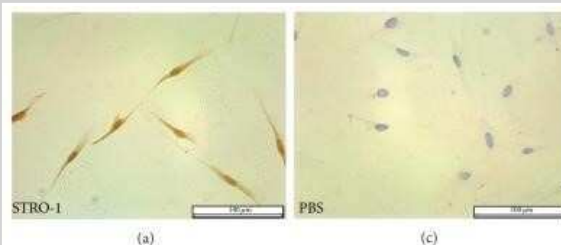
Immunocytochemistry/Immunofluorescence: STRO-1 Antibody (STRO-1) - Azide and BSA Free [NBP2-80966] - MG-63 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with anti-STRO-1 (STRO-1) at 5 ug/ml overnight at 4C and detected with an anti-mouse DyLight 488 (Green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (Red) at a 1:200 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



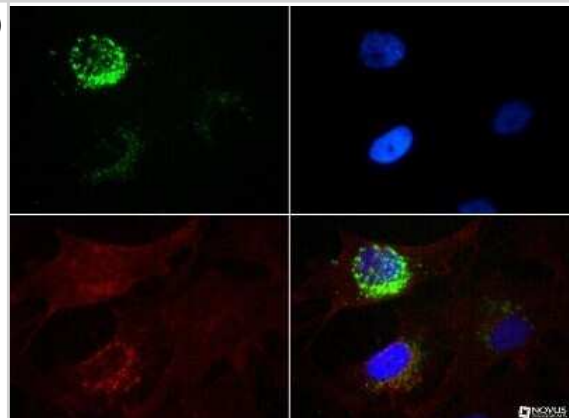
Flow Cytometry: STRO-1 Antibody (STRO-1) - Azide and BSA Free [NBP2-80966] - STRO-1 antibody was tested at 1:400 in MG-63 cells using an Alexa Fluor 488 secondary (green) alongside unstained cells (red). Image from the standard format of this antibody.



Immunocytochemistry: STRO-1 Antibody (STRO-1) - Azide and BSA Free [NBP2-80966] - Characterization of SCAPs: isolated SCAPs were positive for STRO-1 by immunocytochemistry; PBS served as a negative control. Image collected and cropped by CiteAb from the following publication (<https://www.hindawi.com/journals/bmri/2014/319651/>), licensed under a CC-BY license. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: STRO-1 Antibody (STRO-1) - Azide and BSA Free [NBP2-80966] - Antibody was tested at 1:50 in MG-63 cells with FITC (green). Nuclei and actin were counterstained with DAPI (blue) and Phalloidin (red). Image from the standard format of this antibody.





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### **Products Related to NBP2-80966**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96976	Mouse IgM Lambda Isotype Control (MML)

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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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