

# Product Datasheet

**SP100 Antibody (PCRP-SP100-1B9)**

**NBP3-13780-100ug**

Unit Size: 100 ug

Store at 4C.

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**NBP3-13780-100ug**

SP100 Antibody (PCRP-SP100-1B9)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	PCRP-SP100-1B9
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	100.4 kDa

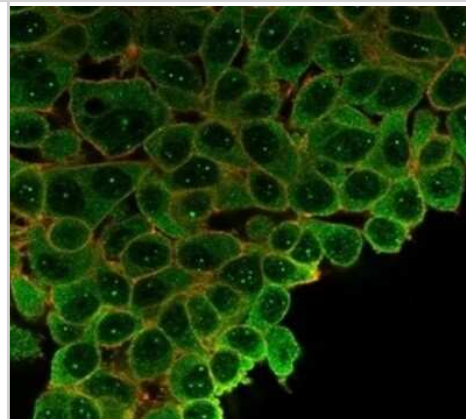
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-14183)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	6672
Gene Symbol	SP100
Species	Human
Immunogen	Recombinant full-length human SP100 protein (Uniprot: P23497)

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 0.5-2 ug/million cells, ELISA, Immunocytochemistry/ Immunofluorescence 0.5-2 ug/ml, Immunoprecipitation 1-2 ug/100-500 ug protein, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	ELISA: For coating, order antibody without BSA  Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes  Immunoprecipitation: 1-2ug per 100-500ug of total protein (1ml of cell lysate)

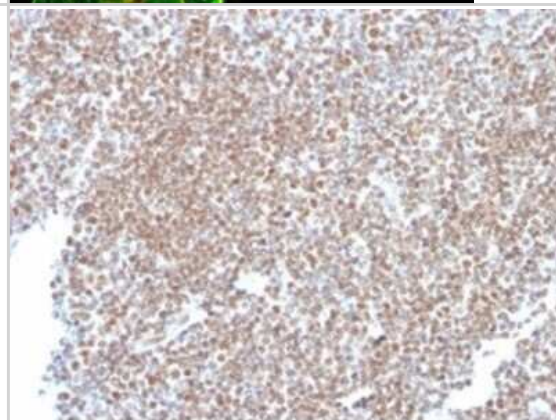


## Images

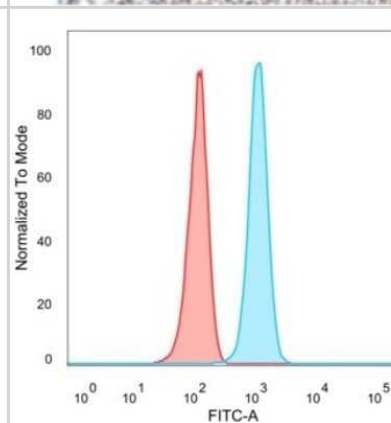
Immunocytochemistry/Immunofluorescence: SP100 Antibody (PCRP-SP100-1B9) [NBP3-13780] - Immunofluorescence Analysis of PFA-fixed HeLa cells stained using SP100 Antibody (PCRP-SP100-1B9) followed by goat anti-mouse IgG-CF488. Membrane stained with phalloidin.



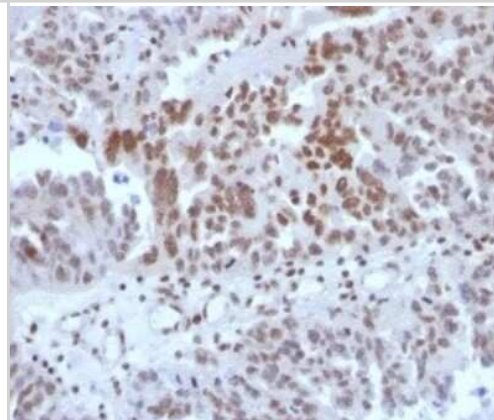
Immunohistochemistry-Paraffin: SP100 Antibody (PCRP-SP100-1B9) [NBP3-13780] - IHC analysis of formalin-fixed, paraffin-embedded human tonsil. Strong nuclear staining using SP100 antibody (PCRP-SP100-1B9) at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



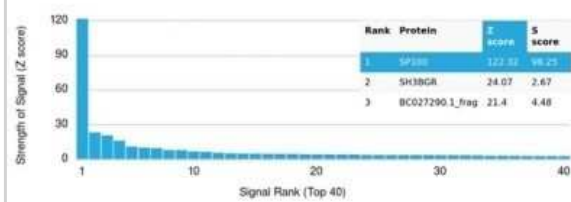
Flow Cytometry: SP100 Antibody (PCRP-SP100-1B9) [NBP3-13780] - Flow cytometric analysis of PFA-fixed HeLa cells. SP100 antibody (PCRP-SP100-1B9) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).



Immunohistochemistry-Paraffin: SP100 Antibody (PCRP-SP100-1B9) [NBP3-13780] - IHC analysis of formalin-fixed, paraffin-embedded human colon. Strong nuclear staining using SP100 antibody (PCRP-SP100-1B9) at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



Protein Array: SP100 Antibody (PCRP-SP100-1B9) [NBP3-13780] - Analysis of Protein Array containing more than 19,000 full-length human proteins using SP100 Antibody (PCRP-SP100-1B9).





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### **Products Related to NBP3-13780-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
H00006672-Q01-10ug	Recombinant Human SP100 GST (N-Term) Protein

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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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