

# Product Datasheet

## Mcl-1 Antibody (CL1128) - Azide and BSA Free NBP3-43898

Unit Size: 100 ug

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

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**NBP3-43898**

Mcl-1 Antibody (CL1128) - Azide and BSA Free

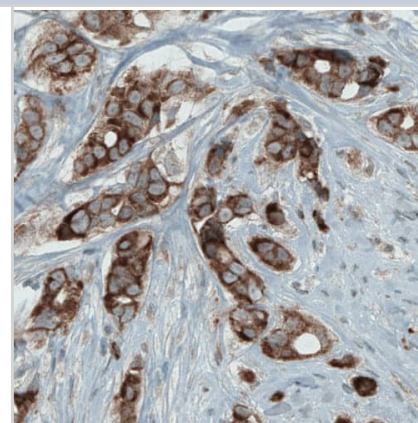
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL1128
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	4170
Gene Symbol	MCL1
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of Q07820, with the exact immunogen sequence remaining proprietary.

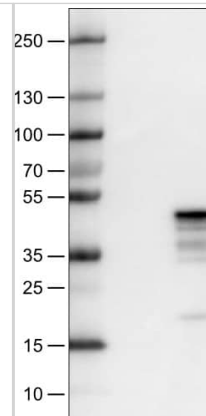
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

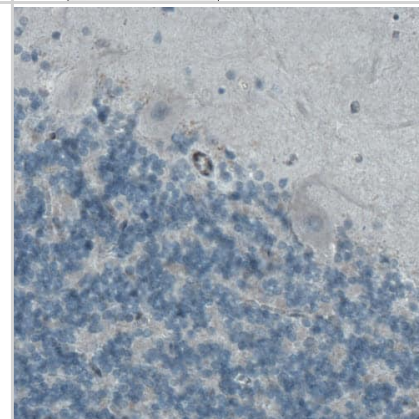
Staining of human breast cancer shows strong positivity in tumor cells.



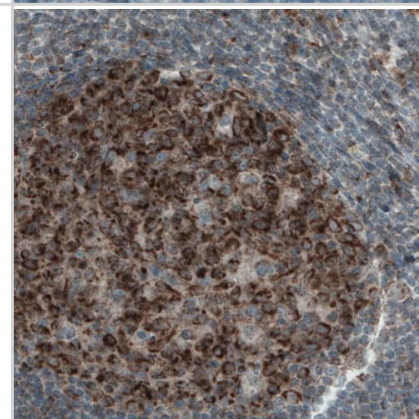
Lane 1: Marker [kDa]  
Lane 2: Negative control (vector only transfected HEK293T lysate)  
Lane 3: Mcl-1 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



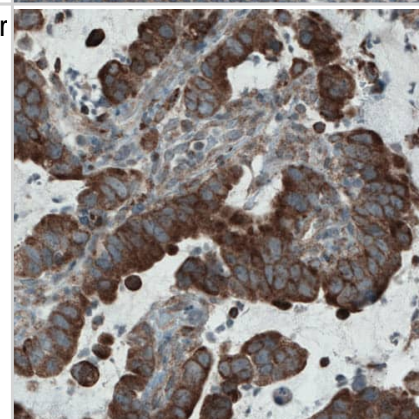
Staining of human cerebellum shows absence of immunoreactivity (negative control).



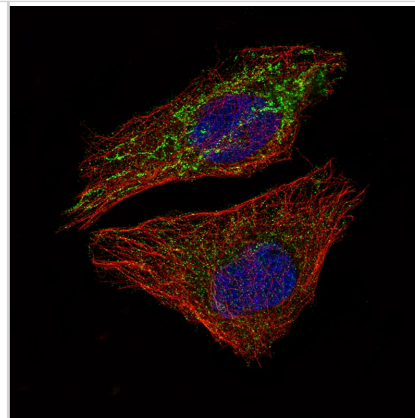
Staining of lymph node in human colon shows strong positivity in the reaction centrum.



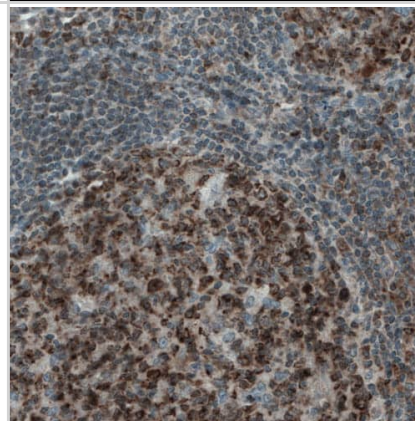
Staining of stomach cancer shows cytoplasmic immunoreactivity in tumor cells.



Staining of U-2 OS cells using the Anti-Mcl-1 monoclonal antibody) .



Staining of human tonsil shows strong immunoreactivity in the reaction centrum.





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### **Products Related to NBP3-43898**

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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)
NB100-56146PEP	Mcl-1 Antibody Blocking Peptide

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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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