

# Product Datasheet

## CD99 Antibody (SPM586) - IHC-Prediluted NBP2-48032

Unit Size: 7 ml

Store at 4C.

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**NBP2-48032**

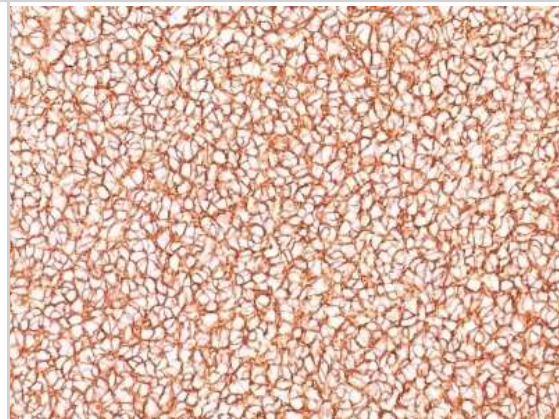
CD99 Antibody (SPM586) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SPM586
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Purity	Protein L purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	4267
Gene Symbol	CD99
Species	Human, Rat
Marker	Ewing's Sarcoma Marker
Specificity/Sensitivity	Recognizes a sialoglycoprotein of 27-32kDa, identified as CD99, or MIC2 gene product, or E2 antigen. This antigen is expressed on the cell membrane of some lymphocytes, cortical thymocytes, and granulosa cells of the ovary. Most pancreatic islet cells, Sertoli cells of the testis, and some endothelial cells express this antigen. Mature granulocytes express very little or no CD99. MIC2 is strongly expressed on Ewings sarcoma cells and primitive peripheral neuroectodermal tumors. This monoclonal antibody shows a very similar reactivity to other CD99 monoclonal antibodies (e.g. O13, 12E7, or HBA-71) and is excellent for immunohistochemical staining of formalin-fixed, paraffin-embedded tissues.
Immunogen	Purified E-rosette forming cells from human peripheral blood lymphocytes
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Hu-chromosome location: 1q32.2 Molecular weight of antigen: 90-110kDa Immunohistochemistry-Paraffin 0.25 - 0.5 ug/ml for 30 minutes at RT; Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10 - 20 min followed by cooling at RT for 20 minutes. The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.



## Images

Immunohistochemistry-Paraffin: CD99 Antibody (SPM586) - IHC-Prediluted [NBP2-48032] - Human Ewing's sarcoma stained with CD99 Monoclonal Antibody (SPM586).





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### **Products Related to NBP2-48032**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
NBP1-82650PEP	CD99 Recombinant Protein Antigen

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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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