

Product Datasheet

CD20 Antibody (SPM494)

NBP2-44744-0.1ml

Unit Size: 0.1 ml

Store at 4C.

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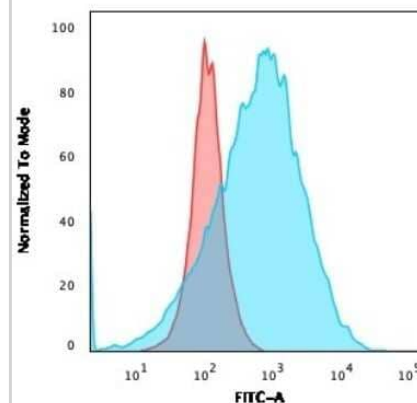
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SPM494
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Tissue culture supernatant
Buffer	Tissue culture supernatant
Product Description	
Description	Tissue culture supernatant with 0.05% Azide. Store at 2 to 8C.
Host	Mouse
Gene ID	931
Gene Symbol	MS4A1
Species	Human, Baboon, Monkey, Bovine (Negative), Canine (Negative), Porcine (Negative), Rat (Negative)
Reactivity Notes	Does not react with Bovine, Canine, Porcine or Rat.
Marker	B-Cell Marker
Specificity/Sensitivity	Recognizes a protein of 30-33kDa, which is identified as CD20. Its epitope is located in the cytoplasmic domain of CD20 and was, therefore, ascribed as CD20cy in the 5th Workshop. CD20 is a non-Ig differentiation antigen of B-cells and its expression is restricted to normal and neoplastic B-cells, being absent from all other leukocytes and tissues. CD20 is expressed by pre B-cells and persists during all stages of B-cell maturation but is lost upon terminal differentiation into plasma cells. This monoclonal antibody can be used for immunophenotyping of leukemia and malignant cells, B lymphocyte detection in peripheral blood and B cell localization in tissues. It reacts with the majority of B-cells present in peripheral blood and lymphoid tissues and their derived lymphomas. In lymphoid tissue, germinal center blasts and B-immunoblasts are particularly reactive. It is a reliable antibody for ascribing a B-cell phenotype in known lymphoid tissues. Rarely, CD20-positive T-cell lymphomas have been reported. Reactivity has also been noted with Reed-Sternberg cells in cases of Hodgkin s disease, particularly of lymphocyte predominant type.
Immunogen	Human tonsil B cells
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 2-5ul/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:200, Immunohistochemistry-Paraffin 1:100-1:200

Application Notes

Immunohistochemistry (Formalin-fixed): 1:100-1:200 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
The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.

Images

Flow Cytometry: CD20 Antibody (SPM494) [NBP2-44744] - Flow Cytometric Analysis of Raji cells using CD20 Antibody (SPM494) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).





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Products Related to NBP2-44744-0.1ml

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-61455-10ug	Recombinant Human CD20 His Protein

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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