

Product Datasheet

CD20 Antibody (IGEL/1497R) - Azide and BSA Free NBP2-49873-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-49873-0.1mg

CD20 Antibody (IGEL/1497R) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	IGEL/1497R
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	10 mM PBS

Product Description	
Description	1.0 mg/ml of antibody purified by Protein A Column. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-49872). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	931
Gene Symbol	MS4A1
Species	Human
Reactivity Notes	Does not react with Canine.
Marker	B-Cell Marker
Specificity/Sensitivity	Recognizes a protein of 30-33kDa, which is identified as CD20. It 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 Hodgkins disease, particularly of lymphocyte predominant type.
Immunogen	Recombinant human full-length CD20 protein (Uniprot: P11836)

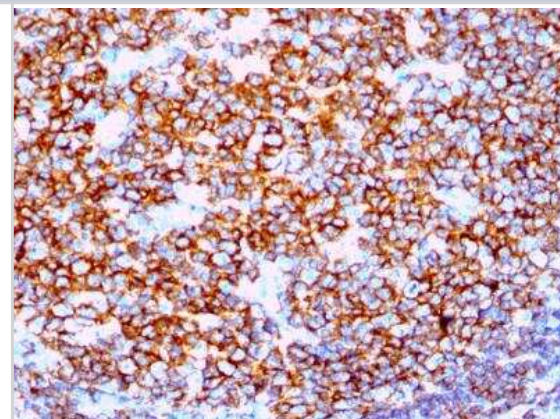
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-1ug/ml, CyTOF-ready

Application Notes

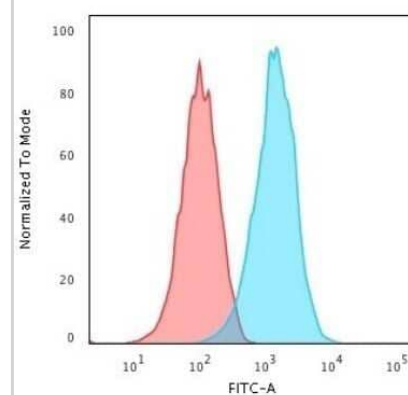
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: CD20 Antibody (IGEL/1497R) - Azide and BSA Free [NBP2-49873] - Formalin-fixed, paraffin-embedded human Tonsil stained with CD20 Rabbit Recombinant Monoclonal Antibody (IGEL/1497R).



Flow Cytometry: CD20 Antibody (IGEL/1497R) - Azide and BSA Free [NBP2-49873] - Flow Cytometric Analysis of Raji cells. CD20 Antibody (IGEL/1497R) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).





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Products Related to NBP2-49873-0.1mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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