

Product Datasheet

CD20 Antibody (IGEL/773) - IHC-Prediluted NBP2-48335

Unit Size: 7 ml

Store at 4C.

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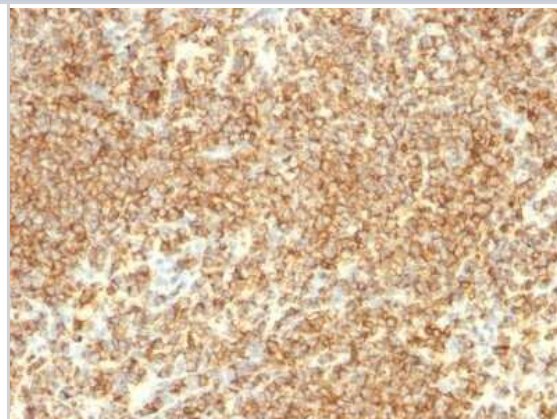


NBP2-48335**CD20 Antibody (IGEL/773) - IHC-Prediluted**

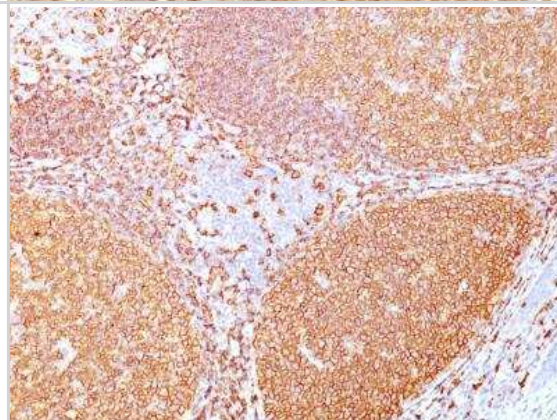
Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	IGEL/773
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 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	931
Gene Symbol	MS4A1
Species	Human
Reactivity Notes	Others not known.
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 Hodgkin s disease, particularly of lymphocyte predominant type.
Immunogen	Recombinant full-length human CD20 protein (Uniprot: P11836)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Multiplex Immunoassay
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin, Multiplex Immunoassay
Application Notes	Use in Multiplex Immunoassay reported in scientific literature (PMID: 31942075). 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

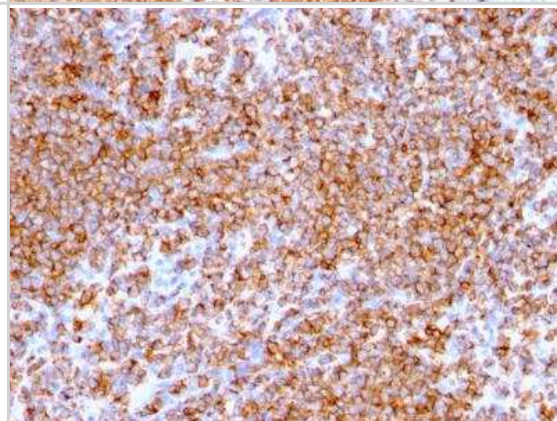
Immunohistochemistry-Paraffin: CD20 Antibody (IGEL/773) - IHC-Prediluted [NBP2-48335] - Human Lymphoma stained with CD20 Monoclonal Antibody (IGEL/773)



Immunohistochemistry-Paraffin: CD20 Antibody (IGEL/773) - IHC-Prediluted [NBP2-48335] - Formalin-fixed, paraffin-embedded human Tonsil.



Immunohistochemistry-Paraffin: CD20 Antibody (IGEL/773) - IHC-Prediluted [NBP2-48335] - Formalin-fixed, paraffin-embedded human Lymphoma





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Products Related to NBP2-48335

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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