

# 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**

<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	IGEL/773
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA

**Product Description**

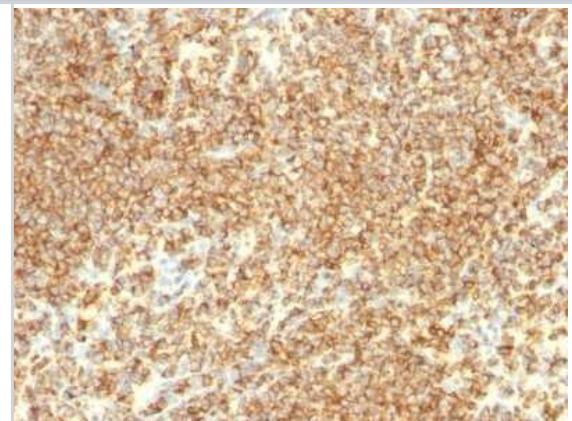
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	931
<b>Gene Symbol</b>	MS4A1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Others not known.
<b>Marker</b>	B-Cell Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Recombinant full-length human CD20 protein (Uniprot: P11836 )

**Product Application Details**

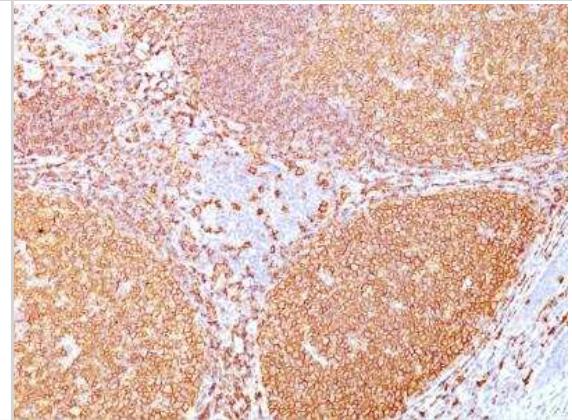
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Multiplex Immunoassay
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Multiplex Immunoassay
<b>Application Notes</b>	Use in Multiplex Immunoassay reported in scientific literature (PMID: 31942075). 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

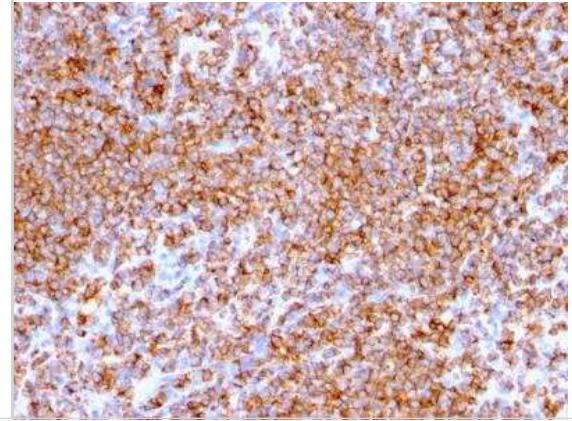
Immunohistochemistry-Paraffin: CD20 Antibody (IGEL/773) - IHC-Prediluted [NBP2-48335] - Human Lymphoma stained with CD20 Monoclonal Antibody (IGEL/773)



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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