

# Product Datasheet

## CD19 Antibody (LE-CD19) - BSA Free NB100-65672

Unit Size: 0.02 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 4

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**NB100-65672**

CD19 Antibody (LE-CD19) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.02 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	LE-CD19
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse CD19 Antibody (LE-CD19) - BSA Free (NB100-65672) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-CD19 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	930
<b>Gene Symbol</b>	CD19
<b>Species</b>	Human
<b>Immunogen</b>	CD19 peptide CGPDPAWGGGGGRMGTWSTR (C-terminus) coupled to KLH
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:200
<b>Application Notes</b>	For IHC-P: This product requires antigen retrieval using heat treatment methods prior to staining of paraffin sections; use sodium citrate buffer pH6.0 is recommended for this purpose. Membrane permeabilisation is required for Flow Cytometry.

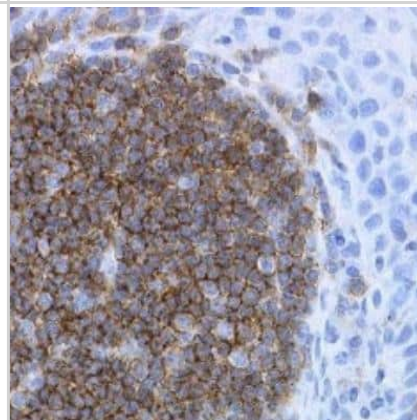


## Images

Western Blot: CD19 Antibody (LE-CD19) [NB100-65672] - analysis of Raji human Lymphoblastic Burkitt's lymphoma whole cell lysate

kDa  
250  
150  
100  
75  
50  
37  
25  
20  
15  
10

Immunohistochemistry: CD19 Antibody (LE-CD19) [NB100-65672] - Mouse anti human CD19 staining formalin-fixed, paraffin-embedded human tonsil.



## Publications

Ghobadi A, Landmann J, Carter A et al. Discovery of a novel genomic alteration that renders leukemic cells resistant to CD19-targeted immunotherapies *Blood advances* 2022-07-20 [PMID: 35858291] (WB, Human)

Zhao S, Wu C, Li J et al. Concomitant Use of CD138-and CD19-directed Chimeric Antigen Receptor-modified T Cells Enhances Cytotoxicity Towards Multiple Myeloma *article.joctar.com* 2021-01-01

Smith E J, Olson K et al. A novel, native-format bispecific antibody triggering T-cell killing of B-cells is robustly active in mouse tumor models and cynomolgus monkeys. *Sci Rep* 2015-11-12 [PMID: 26659273] (IF/IHC, Monkey)

Ogembo JG, Milner DA Jr, Mansfield KG et al. SIRPalpha/CD172a and FHOD1 are unique markers of littoral cells, a recently evolved major cell population of red pulp of human spleen. *J Immunol.* 2012-05-01 [PMID: 22490440]



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### **Products Related to NB100-65672**

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NBL1-08913	CD19 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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