

# Product Datasheet

## CD19 Antibody (CAT-13.1E10) - Chimeric - Azide and BSA Free NBP3-12065-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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Updated 9/9/2025 v.20.1

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**NBP3-12065-0.2mg**

CD19 Antibody (CAT-13.1E10) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	CAT-13.1E10
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

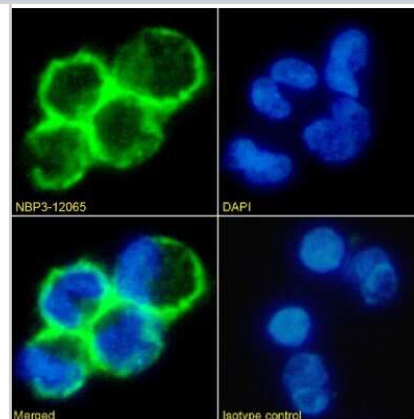
Product Description	
Description	Novus Biologicals Rabbit CD19 Antibody (CAT-13.1E10) - Chimeric - Azide and BSA Free (NBP3-12065) is a recombinant monoclonal antibody validated for use in Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	930
Gene Symbol	CD19
Species	Human
Specificity/Sensitivity	CAT 13.1E10 antibody recognises CD19, which is a transmembrane glycoprotein that regulates B lymphocyte development, activation, and differentiation.
Immunogen	This antibody was raised by immunising mice against CD19.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

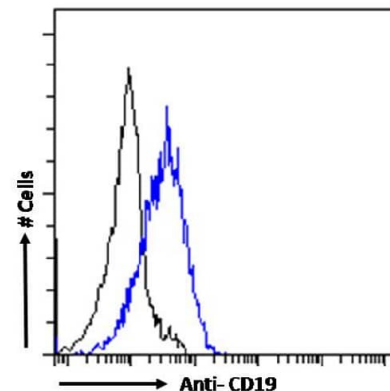


## Images

**Immunocytochemistry/Immunofluorescence: CD19 Antibody (CAT-13.1E10) - Chimeric [NBP3-12065]** - Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes on Shi-fix (TM) coverslips stained with the chimeric rabbit IgG version of CAT-13.1E10 (NBP3-12065) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12065, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



**Flow Cytometry: CD19 Antibody (CAT-13.1E10) - Chimeric - Azide and BSA Free [NBP3-12065]** - Paraformaldehyde fixed Daudi cells were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-12065 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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### **Products Related to NBP3-12065-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00000930-P01-10ug	Recombinant Human CD19 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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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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