

Product Datasheet

CD19 Antibody (1D3) - Azide and BSA Free NBP2-24965

Unit Size: 100 ug

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

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NBP2-24965

CD19 Antibody (1D3) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	PBS

Product Description

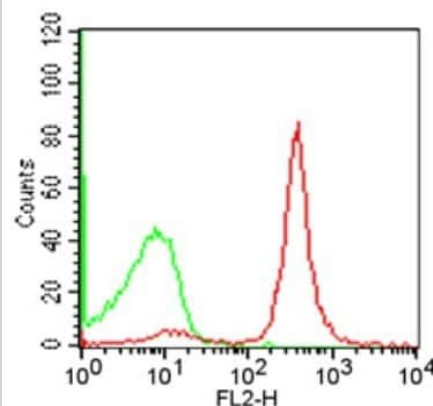
Description	Novus Biologicals Rat CD19 Antibody (1D3) - Azide and BSA Free (NBP2-24965) is a monoclonal antibody validated for use in Flow and IP. Anti-CD19 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	930
Gene Symbol	CD19
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 31702032).
Immunogen	Mouse CD19 Transfected Cell Line

Product Application Details

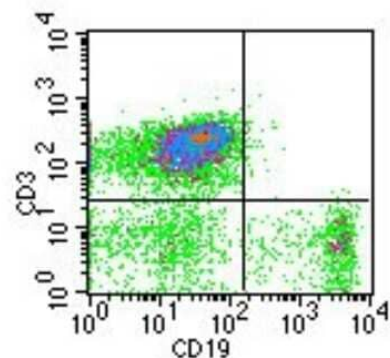
Applications	Flow Cytometry, Flow (Cell Surface), In vivo assay, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.25 ug/10 ⁶ cells, Immunoprecipitation reported in scientific literature (PMID 8566073), In vivo assay reported in scientific literature (PMID 8566073), Flow (Cell Surface), CyTOF-ready

Images

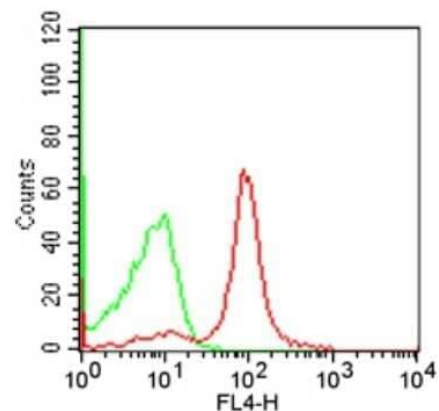
Flow Cytometry: CD19 Antibody (1D3) [NBP2-24965] - Cell surface analysis of CD19 in BALB/c mouse splenocytes using 1 ug of this antibody. Green: isotype control; red: anti-CD19 PE. Image using the PE form of this antibody.



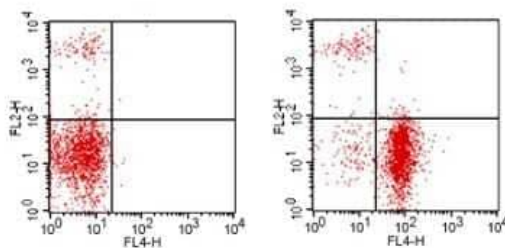
Flow Cytometry: CD19 Antibody (1D3) [NBP2-24965] - Cell surface analysis of CD19 in mouse splenocytes, 25 ug/10⁶ cells. Anti-rat PE secondary and cell surface staining kit were used in this test.



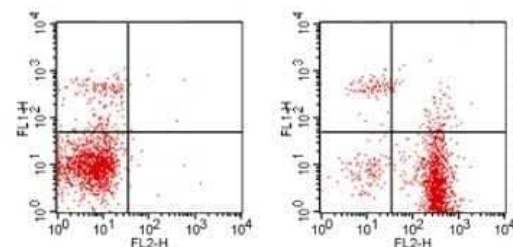
Flow (Cell Surface): CD19 Antibody (1D3) [NBP2-24965] - Analysis using the Allophycocyanin conjugate of NBP2-24965. Staining of CD19 in BALB/c mouse splenocytes using 1 ug of this antibody. Green represents isotype control; red represents anti-CD19 APC.



Flow Cytometry: CD19 Antibody (1D3) [NBP2-24965] - Analysis using the Allophycocyanin conjugate of NBP2-24965. Staining of CD19 in BALB/c mouse splenocytes. Cells were stained with anti-CD4 PE this antibody and either 1 ug of isotype control antibody (left) or 1 ug of anti-CD19 APC (right).



Flow Cytometry: CD19 Antibody (1D3) [NBP2-24965] - Analysis using the PE conjugate of NBP2-24965. Staining of CD19 in BALB/c mouse splenocytes. Cells were stained with anti-CD4 FITC this antibody and either 1 ug of isotype control antibody (left,) or 1 ug of anti-CD19 PE (right).



Publications

Chen M, Huang Z, Bi H et al. Effects of bone marrow derived mesenchymal stem cell transplantation on chronic obstructive pulmonary disease/obstructive sleep apnea overlap syndrome in rats Mol Med Rep 2019-09-30 [PMID: 31702032] (FLOW, Rat)

Details:
The antibody used was the Alexa Fluor 488 conjugated version of the CD19 Antibody (1D3), NBP2-24965.

McLellan AD, Kapp M, Eggert A et al. Anatomic location and T-cell stimulatory functions of mouse dendritic cell subsets defined by CD4 and CD8 expression. Blood. 2002-03-15 [PMID: 11877283] (FLOW, Mouse)

Details:
This citation used the FITC version of this antibody.

Krop I, de Fougerolles AR, Hardy RR et al. Self-renewal of B-1 lymphocytes is dependent on CD19. Eur J Immunol. [PMID: 8566073] (IP, FLOW, In Vivo, Mouse)





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Products Related to NBP2-24965

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)
NBP2-24965AF488	CD19 Antibody (1D3) [Alexa Fluor® 488]

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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