

# Product Datasheet

## CD44 Antibody (5035-41.1D) - BSA Free NB100-65905-250ug

Unit Size: 250 ug

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

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### Publications: 3

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**NB100-65905-250ug**

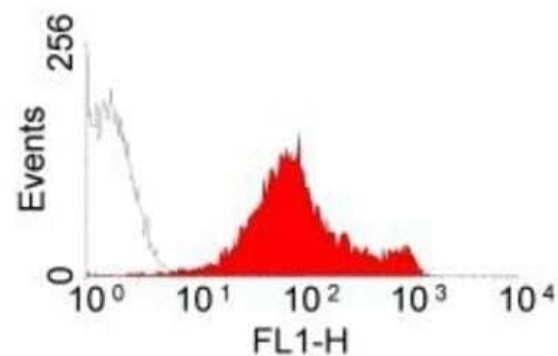
CD44 Antibody (5035-41.1D) - BSA Free

Product Information	
Unit Size	250 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5035-41.1D
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse CD44 Antibody (5035-41.1D) - BSA Free (NB100-65905) is a monoclonal antibody validated for use in Flow, ICC/IF and IP. Anti-CD44 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	960
Gene Symbol	CD44
Species	Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. Human reactivity reported in scientific literature (PMID:32901011)
Marker	Cell Membrane Marker
Specificity/Sensitivity	This recognizes the following strains of mice:- C57BL/6, C57BL/10, C57/L, C58A, AKR, 129, SJL, NZB, C3H, CE, CBA/H.
Immunogen	Spleen cells from B6PL-Ly-2a / Ly-3a B6-Ly-1a mice
Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:50-1:100, Immunoprecipitation 1:10-1:500

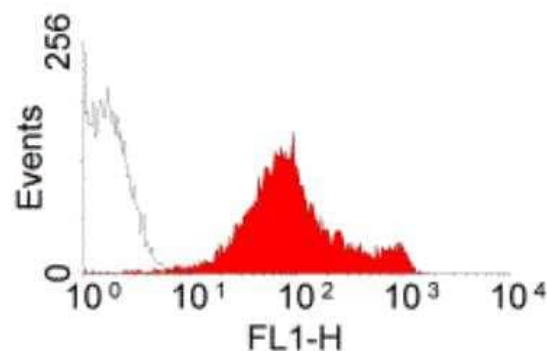


## Images

Flow Cytometry: CD44 Antibody (5035-41.1D) [NB100-65905] - Analysis using the FITC conjugate of NB100-65905. Staining of mouse spleen cells.



Flow Cytometry: CD44 Antibody (5035-41.1D) [NB100-65905] - Mouse spleen cells.



## Publications

Shikanai M, Ito S, Nishimura YV et al. Rab21 regulates caveolin-1-mediated endocytic trafficking to promote immature neurite pruning EMBO reports 2023-03-06 [PMID: 36683567] (Immunocytochemistry/ Immunofluorescence, Mouse)

FitzGerald LI, Aurelio L, Chen M et al. A molecular sensor to quantify the localization of proteins, DNA and nanoparticles in cells Nature communications 2020-09-08 [PMID: 32901011] (ICC/IF, Human)

Chaudhary N, Gomez GA, Howes MT et al. Endocytic crosstalk: cavins, caveolins, and caveolae regulate clathrin-independent endocytosis. PLoS Biol. 2014-04-01 [PMID: 24714042] (ICC/IF, Mouse)



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### **Products Related to NB100-65905-250ug**

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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)
NB100-63801-100ug	CD44 Antibody (5035-41.1D) [FITC]

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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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