

Product Datasheet

CD38 Antibody (NIMR-5) - Azide and BSA Free NBP1-27951

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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NBP1-27951

CD38 Antibody (NIMR-5) - Azide and BSA Free

Product Information	
Unit Size	0.5 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	NIMR-5
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	BBS (pH 8.2)

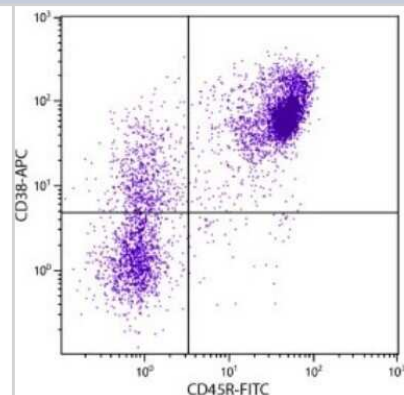
Product Description	
Description	Novus Biologicals Rat CD38 Antibody (NIMR-5) - Azide and BSA Free (NBP1-27951) is a monoclonal antibody validated for use in Flow. Anti-CD38 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	952
Gene Symbol	CD38
Species	Mouse
Specificity/Sensitivity	Mouse CD38
Immunogen	This CD38 Antibody (NIMR-5) was developed against BCL1 plasma membrane glycoproteins.

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000

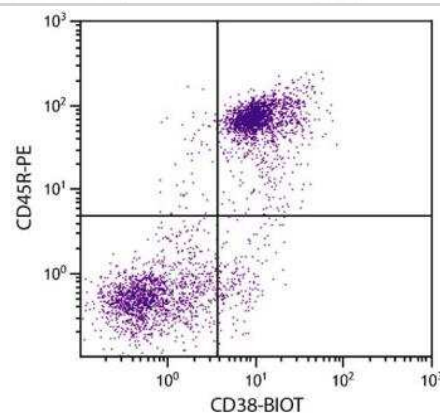


Images

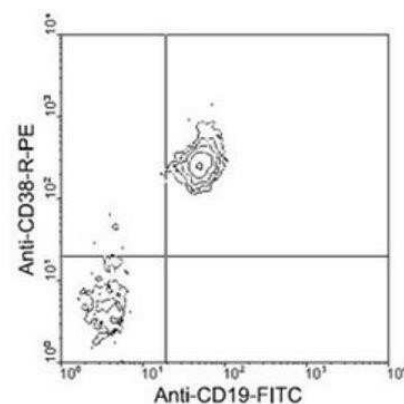
Flow Cytometry: CD38 Antibody (NIMR-5) [NBP1-27951] - Analysis using the APC conjugate of NBP1-27951. Multiple staining of BALB/c splenocytes.



Flow Cytometry: CD38 Antibody (NIMR-5) [NBP1-27951] - BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD38-BIOT (NBP1-27953) and Rat Anti-Mouse CD45R-PE (NBP1-27981) followed by Streptavidin-FITC.



Flow Cytometry: CD38 Antibody (NIMR-5) [NBP1-27951] - Analysis using the PE conjugate of NBP1-27951. Double staining of $0.3 \mu\text{g}/10^6$ cells from BALB/c spleen with rat anti-mouse CD38-R-PE and rat anti-mouse CD19-FITC (Clone 6D5).



Publications

Revach O, Cicerchia A, Shorer O et al. Overcoming resistance to immunotherapy by targeting CD38 in human tumor explants. *Cell Reports Medicine* 2025-06-19 [PMID: 40578364]

Wennerberg E, Mukherjee S, Spada S Et al. Expression of the mono-ADP-ribosyltransferase ART1 by tumor cells mediates immune resistance in non-small cell lung cancer *Sci Transl Med* 2022-03-16 [PMID: 35294260] (B/N)

Details:

Citation using the Low Endotoxin, Azide and BSA Free version of this antibody.

Chini CCS, Peclat TR, Warner GM et al. CD38 ecto-enzyme in immune cells is induced during aging and regulates NAD⁺ and NMN levels *Nat Metab* 2020-11-01 [PMID: 33199925]



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Products Related to NBP1-27951

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)
NBP1-27952	CD38 Antibody (NIMR-5) [FITC]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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