

Product Datasheet

CD20 Antibody (AISB12) - BSA Free NBP1-43435-0.025mg

Unit Size: 0.025 mg

Store at 4C. Do not freeze.

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NBP1-43435-0.025mg

CD20 Antibody (AISB12) - BSA Free

Product Information	
Unit Size	0.025 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	AISB12
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

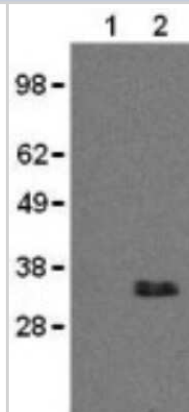
Product Description	
Description	Novus Biologicals Rat CD20 Antibody (AISB12) - BSA Free (NBP1-43435) is a monoclonal antibody validated for use in WB and Flow. Anti-CD20 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	931
Gene Symbol	MS4A1
Species	Human, Mouse
Immunogen	The immunogen for this antibody was CD20.

Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000
Application Notes	This AISB12 antibody has been tested by immunoblot on A20 cell lysates and flow cytometry on mouse splenocytes.

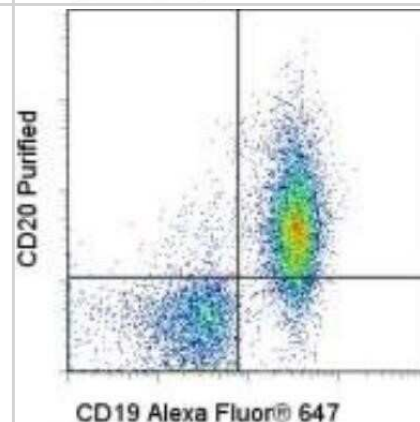


Images

Western Blot: MS4A1/CD20 Antibody (AISB12) [NBP1-43435] - Immunoblot of Balb/c thymus (lane 1) and A20 (lane 2) cell lysates with Anti-Mouse CD20 Purified.



Flow Cytometry: MS4A1/CD20 Antibody (AISB12) [NBP1-43435] - Staining of BALB/c splenocytes with Anti-Mouse CD19 Alexa Fluor (R) 647 and 1.0 micrograms conjugated anti-Mouse CD20 Purified followed by Anti-Rat IgG PE. Quadrant lines represent Rat IgG2a isotype control staining levels and cells in the lymphocyte gate were used for analysis.



Publications

Uchida J, Lee Y, Hasegawa M, Liang Y, Bradney A, Oliver JA, Bowen K, Steeber DA, Haas KM, Poe JC, Tedder TF. Mouse CD20 expression and function. *Int Immunol*;16(1):119-29. 2004-01-01 [PMID: 14688067]

Uchida J, Hamaguchi Y, Oliver JA, Ravetch JV, Poe JC, Haas KM, Tedder TF. The innate mononuclear phagocyte network depletes B lymphocytes through Fc receptor-dependent mechanisms during anti-CD20 antibody immunotherapy. *J Exp Med*;199(12):1659-69. 2004-06-21 [PMID: 15210744]

Tedder TF, Klejman G, Disteché CM, Adler DA, Schlossman SF, Saito H. Cloning of a complementary DNA encoding a new mouse B lymphocyte differentiation antigen, homologous to the human B1 (CD20) antigen, and localization of the gene to chromosome 19. *J Immunol*;141(12):4388-94. 1988-12-15 [PMID: 2461992]



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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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