

# Product Datasheet

## CD20 Antibody (AISB12) - BSA Free NBP1-43435-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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### Publications: 3

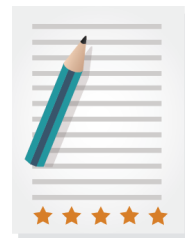
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**NBP1-43435-0.1mg**

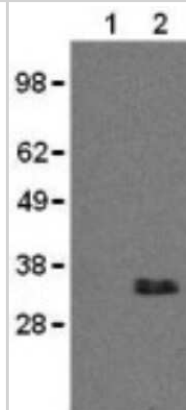
CD20 Antibody (AISB12) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	AISB12
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	931
<b>Gene Symbol</b>	MS4A1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen for this antibody was CD20.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000
<b>Application Notes</b>	This AISB12 antibody has been tested by immunoblot on A20 cell lysates and flow cytometry on mouse splenocytes.

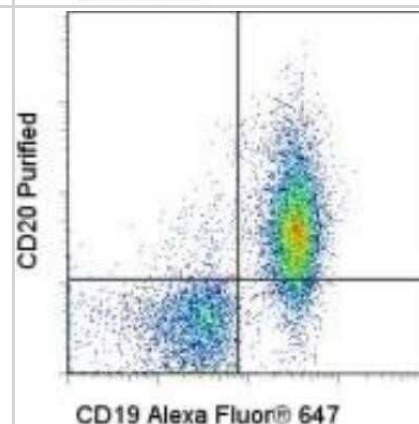


## Images

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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### **Products Related to NBP1-43435-0.1mg**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)
NBP1-43435APC	CD20 Antibody (AISB12) [Allophycocyanin]

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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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