

Product Datasheet

CD19 Antibody (FMC63) - Azide and BSA Free NBP2-52716-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-52716-0.2mg

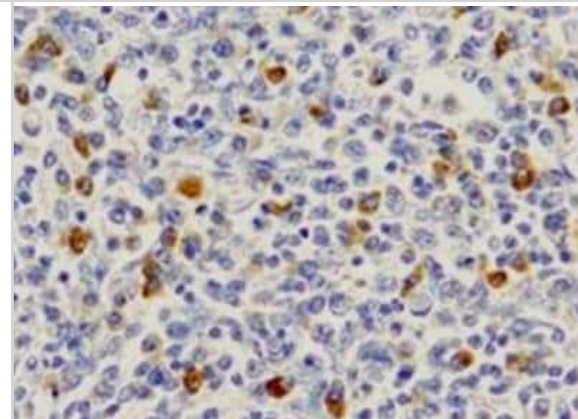
CD19 Antibody (FMC63) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	FMC63
Preservative	0.02% Proclin 300
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	930
Gene Symbol	CD19
Species	Human
Immunogen	Human prolymphocytic leukaemia cell line JVM3.
Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	Use in ELISA reported in scientific literature (PMID:33735268). This antibody is Cytof ready.

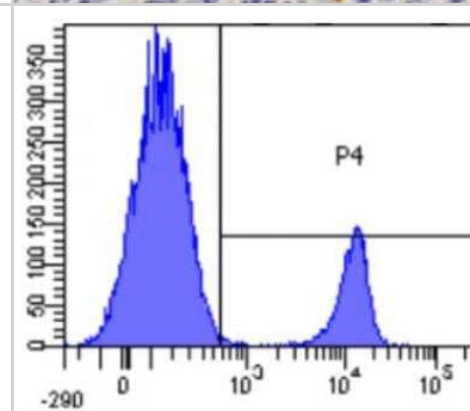


Images

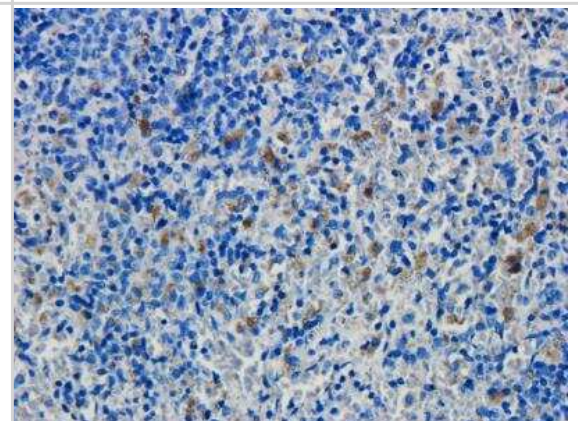
Immunohistochemical staining of human spleen tissue using anti-CD19 antibody. Image from verified customer review.



Human lymphocytes were stained with an isotype control or the rabbit-chimeric version of FMC63, concentration of 1 ug/ml for 30 mins at RT.



Immunohistochemical staining of rat spleen tissue using anti-CD19 antibody. FMC63. Anti-CD19 staining of formaldehyde fixed paraffin embedded rat spleen tissue, at 40x magnification. The mouse IgG 2A-chimeric version of FMC63 (NBP2-52716) was used to stain samples at a concentration of 3 ug/ml.



Publications

Craig M Rive, Eric Yung, Lisa Dreolini, Scott D Brown, Christopher G May, Daniel J Woodsworth, Robert A Holt Selective B cell depletion upon intravenous infusion of replication-incompetent anti-CD19 CAR lentivirus. Molecular therapy. Methods & clinical development 2022-09-08 [PMID: 35755944]

Heard A, Landmann JH, Hansen AR et al. Antigen glycosylation regulates efficacy of CAR T cells targeting CD19 Nature communications 2022-06-11 [PMID: 35690611] (IP, FLOW)

Taylor S, Isobe S, Cao A et al. Endogenous Retroviral Elements Generate Pathologic Neutrophils in Pulmonary Arterial Hypertension American journal of respiratory and critical care medicine 2022-06-13 [PMID: 35696338]

Ambrose C, Su L, Wu L et al. Anti-CD19 CAR T cells potently redirected to kill solid tumor cells PloS one 2021-03-18 [PMID: 33735268] (ELISA)

Lande R, Pietraforte I, Mennella A et al Complementary Effects of Carbamylated and Citrullinated LL37 in Autoimmunity and Inflammation in Systemic Lupus Erythematosus Int J Mol Sci 2021-02-10 [PMID: 33562078] (FLOW, Human)

Details:

Citation using the Alexa Fluor 594 version of this antibody.

Lohmueller J, Butchy AA, Tivon Y, Kvorjak M Post-translational covalent assembly of CAR and synNotch receptors for programmable antigen targeting bioRxiv 2020-01-01 [PMID: 37160880] (FLOW, Human)





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Products Related to NBP2-52716-0.2mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00000930-P01-10ug	Recombinant Human CD19 GST (N-Term) Protein

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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