

Product Datasheet

CD19 Antibody (FMC63) - Chimeric - Azide and BSA Free NBP2-52688-0.2mg

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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Publications: 1

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NBP2-52688-0.2mg

CD19 Antibody (FMC63) - Chimeric - 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	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description

Description	Novus Biologicals Rabbit CD19 Antibody (FMC63) - Chimeric - Azide and BSA Free (NBP2-52688) is a recombinant monoclonal antibody validated for use in ELISA, Flow and ICC/IF. Anti-CD19 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	930
Gene Symbol	CD19
Species	Human
Immunogen	Human polymorphocytic leukaemia cell line JVM3.

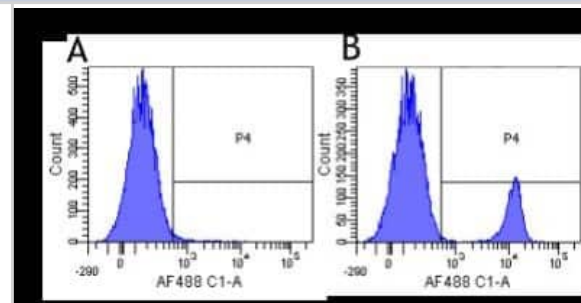
Product Application Details

Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques. This antibody binds human CD19, a 95 kDa protein expressed on the B-lymphocyte lineage. Recently it has been incorporated into a CD19 scFv- 41BB- CD3-zeta fusion protein-encoding lentiviral vector which was used in combination with a UCART19 cell therapy to cure high risk CD19+ infant acute lymphoblastic leukemia.



Images

Flow Cytometry: CD19 Antibody (FMC63) - Chimeric [NBP2-52688] - Flow-cytometry using anti-CD19 antibody FMC63. Human lymphocytes were stained with an isotype control (NBP2-52638, panel A) or the rabbit-chimeric version of FMC63 (NBP2-52688, panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



Publications

Su L, Wu L, Lobb RR et al. CAR-T Engager proteins optimize anti-CD19 CAR-T cell therapies for lymphoma
Oncoimmunology 2022-08-17 [PMID: 35990518] (ELISA, Human)

Details:

Coated wells with 1 ug/ml



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Products Related to NBP2-52688-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00000930-P01-10ug	Recombinant Human CD19 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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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