

CD19 Monoclonal Antibody (eBio1D3 (1D3)), Alexa Fluor™ 660, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), Alexa Fluor™ 660, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBio1D3 (1D3)
Conjugate	Alexa Fluor™ 660
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.25 µg/test	-

Product Specific Information

Description: The eBio1D3 (1D3) monoclonal antibody reacts with mouse CD19, a 95 kDa transmembrane glycoprotein. CD19 is expressed by B cells during all stages of development excluding the terminally differentiated plasma cells. Follicular dendritic cells also express CD19. Together CD21, CD81, MHC class II, and CD19 form a multimolecular complex that associates with the BCR. Signaling through CD19 induces tyrosine phosphorylation, calcium flux and proliferation of B cells.

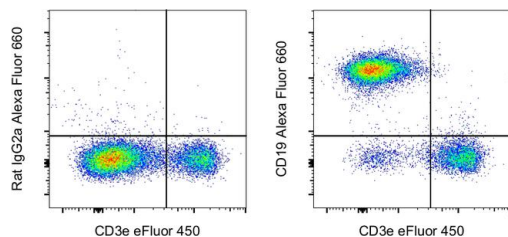
Applications Reported: This eBio1D3 (1D3) antibody has been reported for use in flow cytometric analysis.

Applications Tested: This eBio1D3 (1D3) antibody has been tested by flow cytometric analysis of mouse splenocytes. This may be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Alexa Fluor 660 emits at 690 nm and is intended for use on spectral cytometers where it may be multiplexed with APC, Alexa Fluor 647 and Alexa Fluor 700.

Excitation: 662 nm; Emission: 690 nm; Laser: Red Laser

Product Images For CD19 Monoclonal Antibody (eBio1D3 (1D3)), Alexa Fluor™ 660, eBioscience™



CD19 Antibody (606-0193-82) in Flow

BALB/c mouse splenocytes were stained with CD3e Monoclonal Antibody, eFluor 450 (Product # 48-0031-82) and 0.125 µg of Rat IgG2a kappa Isotype Control, Alexa Fluor 660 (Product # 606-4321-81) (left) or 0.125 µg of CD19 Monoclonal Antibody, Alexa Fluor 660 (right). Cells in the lymphocyte gate were used for analysis. This data was collected on a 5-laser Cytex Aurora full spectral cytometer.

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