

CD99 Monoclonal Antibody (3B2/TA8), Super Bright™ 436, eBioscience™

Product Details	
Size	25 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG2a, kappa
Recommended Isotype Control	Mouse IgG2a kappa Isotype Control (eBM2a), Super Bright™ 436, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	3B2/TA8
Conjugate	Super Bright™ 436
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2784818

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.5 µg)/test	-

Product Specific Information

Description: The 3B2/TA8 monoclonal antibody reacts with human CD99, also known as E2 antigen and MIC2. CD99 is an approximately 32 kDa sialoglycoprotein and is expressed by all leukocytes. CD99 is involved in T cell adhesion and activation.

Applications Reported: This 3B2/TA8 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 3B2/TA8 antibody has been pre-diluted and tested by flow cytometric analysis of normal human peripheral blood cells. This may be used at 5 µL (0.5 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.

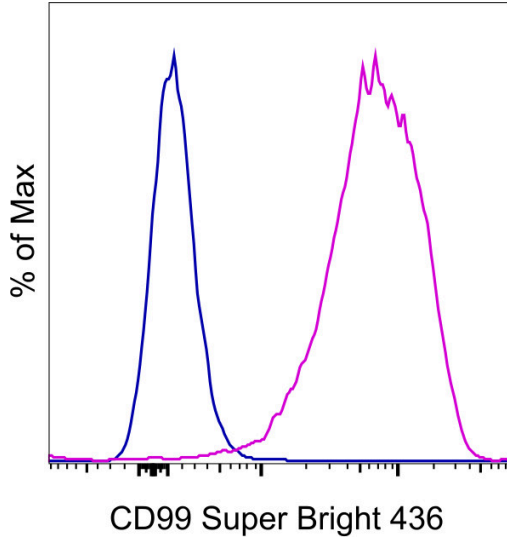
Super Bright 436 can be excited with the violet laser line (405 nm) and emits at 436 nm. We recommend using a 450/50 bandpass filter, or equivalent. Please make sure that your instrument is capable of detecting this fluorochrome.

When using two or more Super Bright dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer for more information.

Excitation: 405 nm; Emission: 436 nm; Laser: Violet Laser

Super Bright Polymer Dyes are sold under license from Becton, Dickinson and Company.

Product Images For CD99 Monoclonal Antibody (3B2/TA8), Super Bright™ 436, eBioscience™



CD99 Antibody (62-0997-41) in Flow

Normal human peripheral blood cells were stained with Mouse IgG2a kappa Isotype Control, Super Bright 436 (Product # 62-4724-82) (blue histogram) or CD99 Monoclonal Antibody, Super Bright 436 (purple histogram). Cells in the lymphocyte gate were used for analysis.

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