IgD Monoclonal Antibody (11-26c (11-26)), Super Bright™ 600, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), Super Bright™ 600, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	11-26c (11-26)
Conjugate	Super Bright™ 600
Excitation/Emission Max	414/601 nm
Form	Liquid
Concentration	0.2 mg/mL
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_2762783

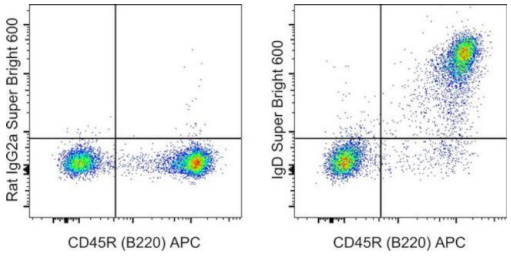
Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	1 Publication
ELISA (ELISA)	-	1 Publication

Product Specific Information

Description: The 11-26c monoclonal antibody reacts with the delta heavy chain of mouse IgD. It does not react with other classes of mouse immunoglobulin including IgA, IgG or IgM. IgD is expressed by peripheral mature B cells. 11-26c does not activate B cells.^M
^M
Applications Reported: This 11-26 antibody has been reported for use in flow cytometric analysis.^M
^M
Applications Tested: This 11-26 antibody has been tested by flow cytometric analysis of mouse splenocytes. This may be used at less than or equal to 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 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.^M
^M
Super Bright 600 is a tandem dye that can be excited with the violet laser line (405 nm) and emits at 600 nm. We recommend using a 610/20 bandpass filter. Please make sure that your instrument is capable of detecting this fluorochrome.^M
^M
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.^M
^M
Light sensitivity: This tandem dye is sensitive to photo-induced oxidation. Please protect this vial and stained samples from

light.^M
^M
Fixation: Samples can be stored in IC Fixation Buffer (Product # 00-8222) (100 µL of cell sample + 100 µL of IC Fixation Buffer) or 1-step Fix/Lyse Solution (Product # 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.^M
^M
Excitation: 405 nm; Emission: 600 nm; Laser: Violet Laser^M
^M
Super Bright Polymer Dyes are sold under license from Becton, Dickinson and Company.

Product Images For IgD Monoclonal Antibody (11-26c (11-26)), Super Bright™ 600, eBioscience™



IgD Antibody (63-5993-82) in Flow
C57BL/6 mouse splenocytes were stained with CD45R (B220) Monoclonal Antibody, APC (Product # 17-0452-82) and 0.25 µg of Rat IgG2a kappa Isotype Control, Super Bright 600 (Product # 63-4321-82) (left) or 0.25 µg of IgD Monoclonal Antibody, Super Bright 600 (right). Cells in the lymphocyte gate were used for analysis.

2 References

Flow Cytometry (1)

Frontiers in immunology

Year
2021

Ddb1 Is Essential for the Expansion of CD4^{+} Helper T Cells by Regulating Cell Cycle Progression and Cell Death.

"Published figure using IgD monoclonal antibody (Product # 63-5993-82) in Flow Cytometry"

Authors: Yang L,Chen W,Li L,Xiao Y,Fan S,Zhang Q,Xia T,Li M,Hong Y,Zhao T,Li Q,Liu WH,Xiao N

ELISA (1)

eLife

Year
2018

IgM and IgD B cell receptors differentially respond to endogenous antigens and control B cell fate.

"Published figure using IgD monoclonal antibody (Product # 63-5993-82) in ELISA"

Authors: Noviski M,Mueller JL,Satterthwaite A,Garrett-Sinha LA,Brombacher F,Zikherman J