

CD95 (APO-1/Fas) Monoclonal Antibody (15A7), Super Bright™ 436, eBioscience™

Product Details	
Size	25 µg
Published Species	Mouse
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Super Bright™ 436, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	15A7
Conjugate	Super Bright™ 436
Excitation/Emission Max	413/431 nm
Form	Liquid
Concentration	0.2 mg/mL
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2662712

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1 µg/test	5 Publications

Product Specific Information

Description: The 15A7 monoclonal antibody reacts with mouse CD95 (Fas, Apo-1), a 40-50 kDa member of the TNFR superfamily. CD95 is expressed by a broad range of hematopoietic and non-hematopoietic cells including monocytes, neutrophils, activated lymphocytes and fibroblasts. Interaction of CD95 on mature lymphocytes with its ligand (FasL) induces apoptosis and is thought to be important in peripheral tolerance. 15A7 reacts with mouse CD95 in BALB/c strain and a bit more weakly in C57Bl/6 strain. 15A7 does not induce apoptosis of Fas-expressing cells.

Applications Reported: This 15A7 antibody has been reported for use in flow cytometric analysis.

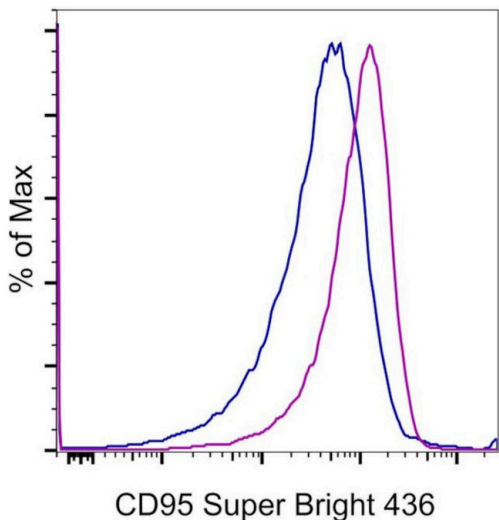
Applications Tested: This 15A7 antibody has been tested by flow cytometric analysis of mouse thymocytes. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined 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.

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.



CD95 (APO-1/Fas) Antibody (62-0951-80) in Flow

Staining of mouse thymocytes with 1 µg of Mouse IgG1 K Isotype Control Super Bright 436 (Product # 62-4714-82) (blue histogram) or 1 µg of Anti-Mouse CD95 (APO-1/Fas) Super Bright 436 (purple histogram). Total cells were used for analysis.

[View more figures on thermofisher.com](#)

5 References

Flow Cytometry (5)

Aging and disease

CD4⁺ CTLs Act as a Key Effector Population for Allograft Rejection of MSCs in a Donor MHC-II Dependent Manner in Injured Liver.

"Published figure using CD95 (APO-1/Fas) monoclonal antibody (Product # 62-0951-82) in Flow Cytometry"

Authors: Shen S,Li Y,Jin M,Fan D,Pan R,Lin A,Chen Y,Xiang L,Zhao RC,Shao J

Year
2022

NPJ vaccines

Elimination of receptor binding by influenza hemagglutinin improves vaccine-induced immunity.

"Published figure using CD95 (APO-1/Fas) monoclonal antibody (Product # 62-0951-82) in Flow Cytometry"

Authors: Hendin HE,Lavoie PO,Gravett JM,Pillet S,Saxena P,Landry N,D'Aoust MA,Ward BJ

Year
2022

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

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