

CD95 (APO-1/Fas) Monoclonal Antibody (15A7), Alexa Fluor 488, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse, Human
Host/Isotope	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Alexa Fluor 488, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	15A7
Conjugate	Alexa Fluor® 488
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10671269

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	2 µg/test	8 Publications

Product Specific Information

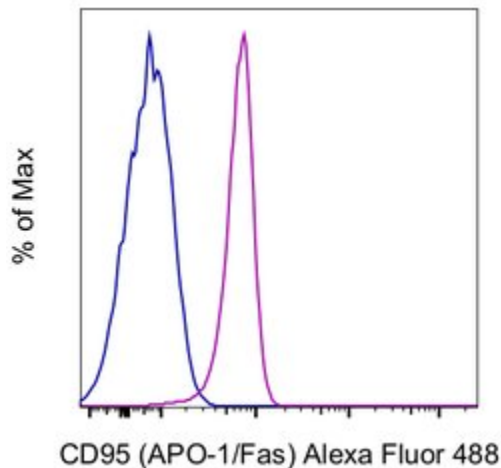
Description: The 15A7 monoclonal antibody reacts with mouse CD95 (Fas, Apo-1), a 40-50 kDa member of the TNFR superfamily. CD95 is expressed by a broad range of hematopoietic and non-hematopoietic cells including monocytes, neutrophils, activated lymphocytes and fibroblasts. Interaction of CD95 on mature 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 2 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.

Excitation: 488 nm; Emission: 519 nm; Laser: Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.



CD95 (APO-1/Fas) Antibody (53-0951-82) in Flow

BALB/c mouse thymocytes were stained with 1.0 µg of Mouse IgG1 kappa Isotype Control, Alexa Fluor 488 (Product # 53-4714-80) (blue histogram) or 1.0 µg of CD95 (APO-1/Fas) Monoclonal Antibody, Alexa Fluor 488 (purple histogram). Total viable cells were used for analysis, as determined by 7-AAD (Product # 00-6993-50).

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

8 References

Flow Cytometry (8)

Nature communications

T cells control humoral immune response by inducing T follicular helper cell differentiation.

"53-0951 was used in Flow cytometry/Cell sorting to demonstrate that complete Freund's adjuvant immunisation induces a subpopulation of CXCR5-expressing T cells in the draining lymph nodes."

Authors: Rezende RM, Lanser AJ, Rubino S, Kuhn C, Skillin N, Moreira TG, Liu S, Gabrieli G, David BA, Menezes GB, Weiner HL

Species
Mouse

Dilution
Not Cited

Year
2018

Nature communications

Peli1 negatively regulates noncanonical NF- κ B signaling to restrain systemic lupus erythematosus.

"Published figure using CD95 (APO-1/Fas) monoclonal antibody (Product # 53-0951-82) in Flow Cytometry"

Authors: Liu J, Huang X, Hao S, Wang Y, Liu M, Xu J, Zhang X, Yu T, Gan S, Dai D, Luo X, Lu Q, Mao C, Zhang Y, Shen N, Li B, Huang M, Zhu X, Jin J, Cheng X, Sun SC, Xiao Y

Species
Human

Dilution
Not Cited

Year
2018

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

More applications with references on thermofisher.com

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