

CD95 (APO-1/Fas) Monoclonal Antibody (15A7), Biotin, eBioscience™

Product Details	
Size	50 µg
Species Reactivity	Mouse
Published Species	Human, Mouse
Host/Isotope	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	15A7
Conjugate	Biotin
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_466544

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	11 Publications

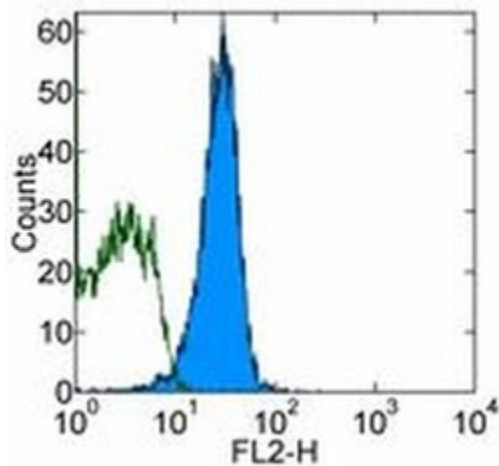
Product Specific Information

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: The 15A7 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 15A7 antibody has been tested by flow cytometric analysis of BALB/c splenocytes and thymocytes. This can 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filtration: 0.2 µm post-manufacturing filtered.



CD95 (APO-1/Fas) Antibody (13-0951-81) in Flow

Staining of BALB/c thymocytes with 0.25 µg of Mouse IgG1 kappa Isotype Control Biotin (Product # 13-4714-85) (open histogram) or 0.25 µg of Anti-Mouse CD95 (APO-1/Fas) Biotin (filled histogram) followed by Streptavidin PE (Product # 12-4317-87). Total viable cells were used for analysis.

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

11 References

Flow Cytometry (11)

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 # 13-0951-81) 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

Cell

Initiation of Antiviral B Cell Immunity Relies on Innate Signals from Spatially Positioned NKT Cells.

"Published figure using CD95 (APO-1/Fas) monoclonal antibody (Product # 13-0951-81) in Flow Cytometry"

Authors: Gaya M,Barral P,Burbage M,Aggarwal S,Montaner B,Warren Navia A,Aid M,Tsui C,Maldonado P,Nair U, Ghneim K,Fallon PG,Sekaly RP,Barouch DH,Shalek AK,Bruckbauer A,Strid J,Batista FD

Species
Not Applicable

Dilution
Not Cited

Year
2018

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

More applications with references on thermofisher.com

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