

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

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse, Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	15A7
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10717405

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1 µg/test	19 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.

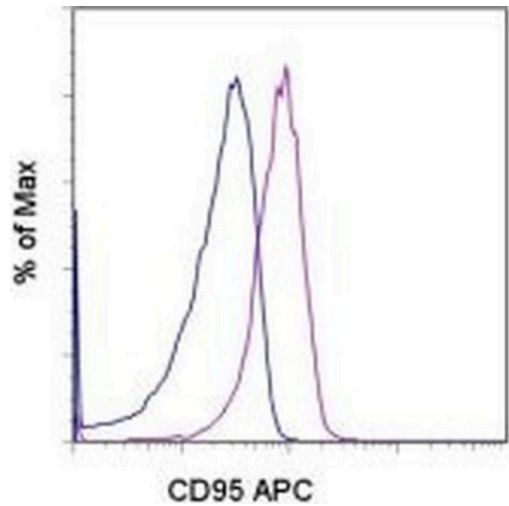
**Applications Reported:** This 15A7 antibody has been reported for use in flow cytometric analysis.

**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 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

**Excitation:** 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

**Filtration:** 0.2 µm post-manufacturing filtered.

Product Images For CD95 (APO-1/Fas) Monoclonal Antibody (15A7), APC, eBioscience™



**CD95 (APO-1/Fas) Antibody (17-0951-82) in Flow**  
Staining of BALB/c thymocytes with 1 µg of Mouse IgG1 K Isotype Control APC (Product # 17-4714-81) (blue histogram) or 1 µg of Anti-Mouse CD95 (APO-1/Fas) APC (purple histogram). Total viable cells were used for analysis.

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19 References

Flow Cytometry (19)

<p>Aging and disease</p> <p><b>CD4<sup>+</sup> CTLs Act as a Key Effector Population for Allograft Rejection of MSCs in a Donor MHC-II Dependent Manner in Injured Liver.</b></p> <p>"Published figure using CD95 (APO-1/Fas) monoclonal antibody (Product # 17-0951-82) in Flow Cytometry"</p> <p>Authors: Shen S,Li Y,Jin M,Fan D,Pan R,Lin A,Chen Y,Xiang L,Zhao RC,Shao J</p>	<p>Year 2022</p>
<p>NPJ vaccines</p> <p><b>Elimination of receptor binding by influenza hemagglutinin improves vaccine-induced immunity.</b></p> <p>"Published figure using CD95 (APO-1/Fas) monoclonal antibody (Product # 17-0951-82) in Flow Cytometry"</p> <p>Authors: Hendin HE,Lavoie PO,Gravett JM,Pillet S,Saxena P,Landry N,D'Aoust MA,Ward BJ</p>	<p>Year 2022</p>

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

More applications with references on thermofisher.cn

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