

CD95 (APO-1/Fas) Monoclonal Antibody (DX2), FITC, eBioscience™

Product Details

Size	100 Tests
Species Reactivity	Dog, Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), FITC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	DX2
Conjugate	FITC
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_11044915

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.5 µg)/test	10 Publications
ChIP assay (ChIP)	-	1 Publication
Immunofluorescence (IF)	-	1 Publication
Western Blot (WB)	-	1 Publication

Product Specific Information

Description: The DX2 monoclonal antibody reacts with human 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, lymphocytes and fibroblasts. Interaction of CD95 on mature lymphocytes with its ligand (FasL) induces apoptosis and is thought to be important in peripheral tolerance. DX2 does not block binding of EOS9.1, another antibody specific for human CD95.

The DX2 monoclonal is reported to recognize dog/canine CD95.

Applications Reported: The DX2 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This DX2 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (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.

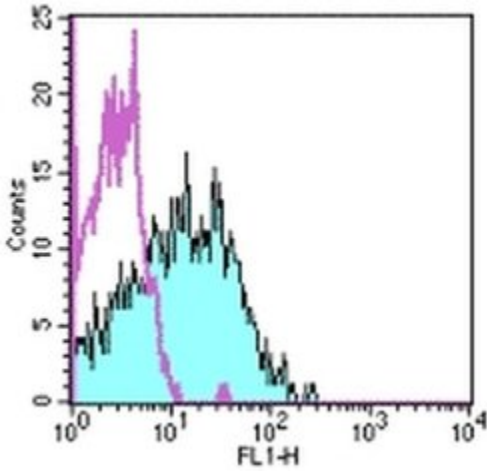
Excitation: 488 nm; Emission: 520 nm; Laser: Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD95 (APO-1/Fas) Monoclonal Antibody (DX2), FITC, eBioscience™

CD95 (APO-1/Fas) Antibody (11-0959-42) in Flow

Staining of normal human peripheral blood cells with Mouse IgG1 kappa Isotype Control FITC (Product # 11-4714-42) (open histogram) or Anti-Human CD95 (APO-1/Fas) FITC (filled histogram). Cells in the lymphocyte gate were used for analysis.



[View more figures on thermofisher.com](https://www.thermofisher.com)

13 References

Western Blot (1)

Oncotarget

Oncogenic Ras suppresses ING4-TDG-Fas axis to promote apoptosis resistance.

Authors: Sun J, Shen Q, Lu H, Jiang Z, Xu W, Feng L, Li L, Wang X, Cai X, Jin H

Species
Human

Dilution
Not Cited

Year
2015

Immunofluorescence (1)

Proceedings of the National Academy of Sciences of the United States of America

Genetic disruption of oncogenic Kras sensitizes lung cancer cells to Fas receptor-mediated apoptosis.

"Published figure using CD95 (APO-1/Fas) monoclonal antibody (Product # 11-0959-42) in Flow Cytometry"

Authors: Mou H, Moore J, Malonia SK, Li Y, Ozata DM, Hough S, Song CQ, Smith JL, Fischer A, Weng Z, Green MR, Xue W

Species
Human
Mouse
Not Applicable

Dilution
Not Cited
Not Cited
Not Cited

Year
2017

Flow Cytometry (10)

International journal of clinical and experimental pathology

Distinct different sensitivity of Treg and Th17 cells to Fas-mediated apoptosis signaling in patients with acute coronary syndrome.

"11-0959 was used in Flow cytometry/Cell sorting to elucidate the mechanisms causing Th17/Treg imbalance in acute coronary syndrome patients."

Authors: Li Q, Wang Y, Wang Y, Zhou Q, Chen K, Wang YM, Wei W, Wang Y

Species
Human

Dilution
Not Cited

Year
2013

Proceedings of the National Academy of Sciences of the United States of America

Genetic disruption of oncogenic Kras sensitizes lung cancer cells to Fas receptor-mediated apoptosis.

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Species
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Mouse
Not Applicable

Dilution
Not Cited
Not Cited
Not Cited

Year
2017

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More applications with references on thermofisher.com

ChIP (1)

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