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

Product Details	
Size	100 Tests
Species Reactivity	Dog, Human
Published Species	Human, Mouse, Rhesus monkey
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	DX2
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10807091

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	12 Publications

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.

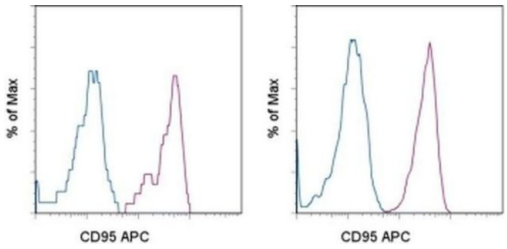
Applications Reported: This DX2 antibody has been reported for use in flow cytometric analysis.

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 (0.125 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 10^5 to 10^8 cells/test.

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 (DX2), APC, eBioscience™



CD95 (APO-1/Fas) Antibody (17-0959-42) in Flow
Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control APC (Product # 17-4714-81) (blue histogram) or Anti-Human CD95 (APO-1/Fas) APC (purple histogram). Cells in the monocyte (left) or granulocyte (right) gate were used for analysis.

View more figures on thermofisher.cn

12 References

Flow Cytometry (12)

Biology

Genistein Sensitizes Human Cholangiocarcinoma Cell Lines to Be Susceptible to Natural Killer Cells.

"17-0959-42 was used in Flow cytometry/Cell sorting to demonstrate the effects of genistein on reactivation of apoptosis cascade and increase the susceptibility of Cholangiocarcinoma cells to natural killer (NK-92) cells."

Authors: Chiawpanit C,Panwong S,Sawasdee N,Yenchitsomanus PT,Panya A

Year
2022

Species
Human

Dilution
1:50

International journal of molecular medicine

Doxorubicin sensitizes breast cancer cells to natural killer cells in connection with increased Fas receptors.

"17-0959-42 was used in Flow cytometry/Cell sorting to support the use of combined doxorubicin and NK immunotherapy in BC treatment."

Authors: Sawasdee N,Wattanapanitch M,Thongsin N,Phanthaphol N,Chiawpanit C,Thuwajit C,Yenchitsomanus PT, Panya A

Year
2022

Species
Human

View more Flow references on thermofisher.cn

More applications with references on thermofisher.cn

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