

CD95 (APO-1/Fas) Monoclonal Antibody (SM1/23), FITC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG2b
Recommended Isotype Control	Mouse IgG2b kappa Isotype Control (eBMG2b), FITC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	SM1/23
Conjugate	FITC
Excitation/Emission Max	498/517 nm
Form	Liquid
Concentration	10 µL/Test
Purification	Affinity chromatography
Storage buffer	TBS, pH 7.2-7.4, with 1% BSA
Contains	0.02% sodium azide
Storage conditions	4° C, store in dark
RRID	AB_10597907

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-Dependent	2 Publications

Product Specific Information

Description: BMS140 is suitable as primary antibody for staining in FACS analysis.

BMS140FI can be used for direct staining of cells. BMS140BT can be used in a two-step procedure using the biotin-(strept-) avidin system.

Functional studies:

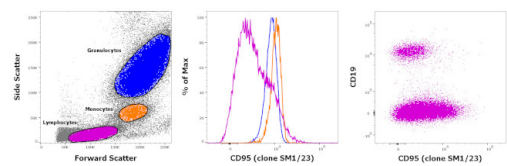
BMS140 was found to block induction of apoptosis induced by clone SM1/1 or other commercial anti APO-1 antibodies.

Optimal dilutions should be determined by the individual laboratory for each application.

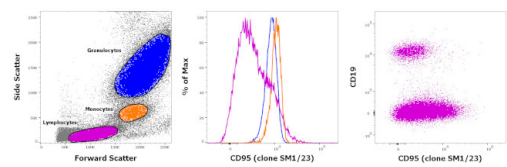
Applications Tested: Flow Cytometry.

Purity: >95%.

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



CD95 (APO-1/Fas) Antibody (BMS140FI) in Flow
Staining of human peripheral blood mononuclear cells with CD45 Pacific Blue, CD19 PE-Cy7 and CD95 FITC. As expected based on known relative expression patterns, CD95 clone SM1/23 stains a subset of lymphocytes (pink), monocytes (orange) and not granulocytes (blue).



CD95 (APO-1/Fas) Antibody (BMS140FI)
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2 References

Flow Cytometry (2)

<p>Scientific reports</p> <p>The metabolism of cells regulates their sensitivity to NK cells depending on p53 status.</p> <p>"BMS140FI was used in Flow Cytometry to show that treatment of patients with DCA, or a biosimilar drug, could be a clinical option to increase the effectiveness of CAR T cell or allogeneic NK cell therapies."</p> <p>Authors: Belkahla S,Brualla JM,Fayd'herbe de Maudave A,Falvo P,Allende-Vega N,Constantinides M,Khan AUH, Coenon L,Alexia C,Mitola G,Massa P,Orecchioni S,Bertolini F,Mnif W,Hernandez J,Anel A,Villalba M</p>	<p>Year 2022</p> <p>Species Human</p>
<p>Scientific reports</p> <p>Metformin sensitizes leukemic cells to cytotoxic lymphocytes by increasing expression of intercellular adhesion molecule-1 (ICAM-1).</p> <p>"BMS140FI was used in Flow Cytometry to explore the potential and underlying mechanisms of metaformin in the treatment of hematologic cancers."</p> <p>Authors: Allende-Vega N,Marco Brualla J,Falvo P,Alexia C,Constantinides M,de Maudave AF,Coenon L,Gitenay D, Mitola G,Massa P,Orecchioni S,Bertolini F,Marzo I,Anel A,Villalba M</p>	<p>Year 2022</p> <p>Species Human</p>

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