

CD24 Monoclonal Antibody (eBioSN3 (SN3 A5-2H10)), FITC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	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	eBioSN3 (SN3 A5-2H10)
Conjugate	FITC
Excitation/Emission Max	498/517 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_10854886

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	-	3 Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	24 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

Description: The SN3 monoclonal antibody reacts with the human CD24 molecule, also known as Heat Stable Antigen (HSA). This 35-50 kDa molecule is anchored in the plasma membrane via phosphatidylinositol and is expressed by erythrocytes, thymocytes, peripheral lymphocytes and myeloid lineage. It has been reported that P-selectin (CD62P) binds to CD24.

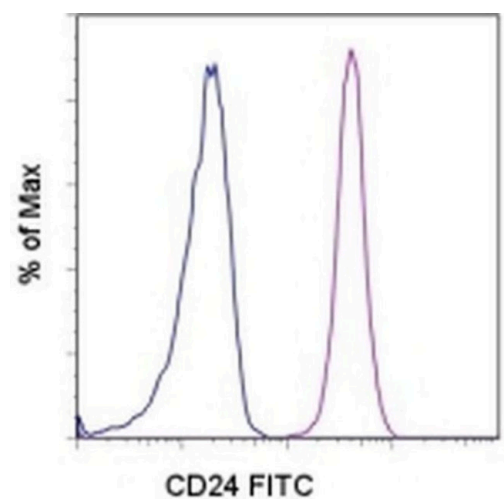
Applications Reported: The SN3 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This eBioSN3 (SN3 A5-2H10) antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.25 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 CD24 Monoclonal Antibody (eBioSN3 (SN3 A5-2H10)), FITC, eBioscience™



CD24 Antibody (11-0247-42) in Flow
Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control FITC (Product # 11-4714-42) (blue histogram) or Anti-Human CD24 FITC (purple histogram). Cells in the granulocyte gate were used for analysis.

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28 References

Immunocytochemistry (3)

BMC biology The Z-cad dual fluorescent sensor detects dynamic changes between the epithelial and mesenchymal cellular states. "Published figure using CD24 monoclonal antibody (Product # 11-0247-42) in Flow Cytometry" Authors: Toneff MJ,Sreekumar A,Tinnirello A,Hollander PD,Habib S,Li S,Ellis MJ,Xin L,Mani SA,Rosen JM	Year 2016
Cancer cell international Increased invasion and tumorigenicity capacity of CD44+/CD24- breast cancer MCF7 cells in vitro and in nude mice. "Published figure using CD24 monoclonal antibody (Product # 11-0247-42) in Immunofluorescence" Authors: Yan W,Chen Y,Yao Y,Zhang H,Wang T	Year 2013

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Flow Cytometry (24)

Journal of experimental & clinical cancer research : CR Elevated transcription and glycosylation of B3GNT5 promotes breast cancer aggressiveness. "Published figure using CD24 monoclonal antibody (Product # 11-0247-42) in Flow Cytometry" Authors: Miao Z,Cao Q,Liao R,Chen X,Li X,Bai L,Ma C,Deng X,Dai Z,Li J,Dong C	Year 2022
Oxidative medicine and cellular longevity Naringin protects human nucleus pulposus cells against TNF--induced inflammation, oxidative stress, and loss of cellular homeostasis by enhancing autophagic flux via AMPK/SIRT1 activation. "11-0247-42 was used in Cell Culture to conclude that Naringin boosts autophagic flux through SIRT1 upregulation via AMPK activation, thus protecting NP cells against inflammatory response, oxidative stress, and impaired cellular homeostasis." Authors: Chen R,Gao S,Guan H,Zhang X,Gao Y,Su Y,Song Y,Jiang Y,Li N	Year 2022 Species Human

More applications with references on thermofisher.cn

Misc (1)

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