

CD24 Monoclonal Antibody (eBioSN3 (SN3 A5-2H10)), PE, 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), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBioSN3 (SN3 A5-2H10)
Conjugate	PE
Excitation/Emission Max	565/576 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_1548678

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	29 Publications

Product Specific Information

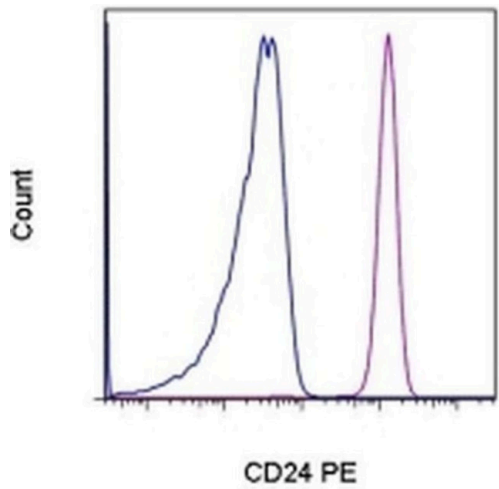
Description: The SN3 monoclonal antibody reacts with the human CD24 molecule, also known as Heat Stable Antigen (HSA). This 35-50 kDa molecule is anchored in the plasma membrane via phosphatidylinositol and is expressed by erythrocytes, thymocytes, peripheral lymphocytes and myeloid lineage. It has been 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 10^5 to 10^8 cells/test.

Excitation: 488-561 nm; Emission: 578 nm; Laser: Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.



CD24 Antibody (12-0247-42) in Flow
Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control PE (Product # 12-4714-81) (blue histogram) or Anti-Human CD24 PE (purple histogram). Cells in the granulocyte gate were used for analysis.

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[30 References](#)

Immunohistochemistry (1)

BMC medical imaging Relationship of shear wave elastography anisotropy with tumor stem cells and epithelial-mesenchymal transition in breast cancer. "Published figure using CD24 monoclonal antibody (Product # 12-0247-42) in Immunohistochemistry" Authors: Leng X,Japaer R,Zhang H,Yeerlan M,Ma F,Ding J	Year 2021
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Flow Cytometry (29)

Journal of experimental & clinical cancer research : CR Elevated transcription and glycosylation of B3GNT5 promotes breast cancer aggressiveness. "Published figure using CD24 monoclonal antibody (Product # 12-0247-42) in Flow Cytometry" Authors: Miao Z,Cao Q,Liao R,Chen X,Li X,X,Bai L,Ma C,Deng X,Dai Z,Li J,Dong C	Year 2022
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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. "Published figure using CD24 monoclonal antibody (Product # 12-0247-42) in Flow Cytometry" Authors: Chen R,Gao S,Guan H,Zhang X,Gao Y,Su Y,Song Y,Jiang Y,Li N	Year 2022
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