

CD24 Monoclonal Antibody (eBioSN3 (SN3 A5-2H10)), eFluor™ 450, 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), eFluor™ 450, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBioSN3 (SN3 A5-2H10)
Conjugate	eFluor™ 450
Excitation/Emission Max	405/445 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_11219685

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	-	2 Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	22 Publications

Product Specific Information

Description: The eBioSN3 (SN3 A5-2H10) monoclonal antibody reacts with the human CD24 molecule, also known as Heat Stable Antigen (HAS). 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.^{^M}

Applications Reported: This eBioSN3 (SN3 A5-2H10) antibody has been reported for use in flow cytometric analysis.^{^M}

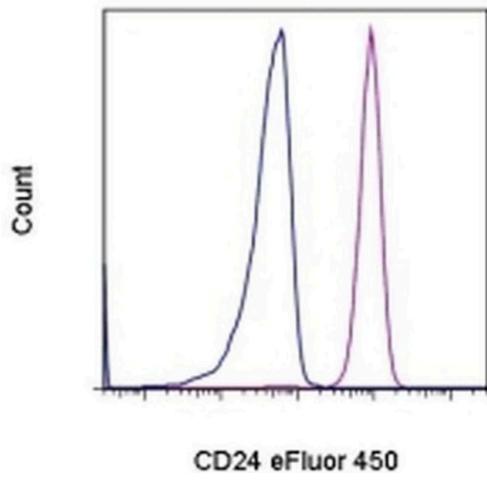
Applications Tested: This eBioSN3 (SN3 A5-2H10) antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.25 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^{^5} to 10^{^8} cells/test. ^{^M}

eFluor® 450 is an alternative to Pacific Blue®. eFluor® 450 emits at 445 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochohome.^{^M}

^{^M}

Excitation: 405 nm; Emission: 445 nm; Laser: Violet Laser.^{^M}
^M
Filtration: 0.2 μm post-manufacturing filtered.

Product Images For CD24 Monoclonal Antibody (eBioSN3 (SN3 A5-2H10)), eFluor™ 450, eBioscience™



CD24 Antibody (48-0247-42) in Flow
Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control eFluor® 450 (Product # 48-4714-82) (blue histogram) or Anti-Human CD24 eFluor® 450 (purple histogram). Cells in the granulocyte gate were used for analysis.

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

24 References

Immunocytochemistry (2)

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 # 48-0247-42) 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 # 48-0247-42) in Immunofluorescence"

Authors: Yan W, Chen Y, Yao Y, Zhang H, Wang T

Year
2013

Flow Cytometry (22)

Oncology letters

miR122/SEN1 axis confers stemness and chemoresistance to liver cancer through Wnt/catenin signaling.

"Published figure using CD24 monoclonal antibody (Product # 48-0247-42) in Flow Cytometry"

Authors: Dai J, Hao Y, Chen X, Yu Q, Wang B

Year
2023

Cancers

Immune Checkpoint Profiling in Humanized Breast Cancer Mice Revealed Cell-Specific LAG-3/PD-1/TIM-3 Co-Expression and Elevated PD-1/TIM-3 Secretion.

"Published figure using CD24 monoclonal antibody (Product # 48-0247-42) in Flow Cytometry"

Authors: Bruss C, Kellner K, Albert V, Hutchinson JA, Seitz S, Ortmann O, Brockhoff G, Wege AK

Year
2023

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

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