

CD24 Monoclonal Antibody (eBioSN3 (SN3 A5-2H10)), APC-eFluor 780, 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), APC-eFluor 780, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBioSN3 (SN3 A5-2H10)
Conjugate	APC-eFluor® 780
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_10735091

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	14 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: This eBioSN3 (SN3 A5-2H10) 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.

APC-eFluor 780 emits at 780 nm and is excited with the Red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

Light sensitivity: This tandem is sensitive to photo-induced oxidation. Please protect this vial and stained samples from light.

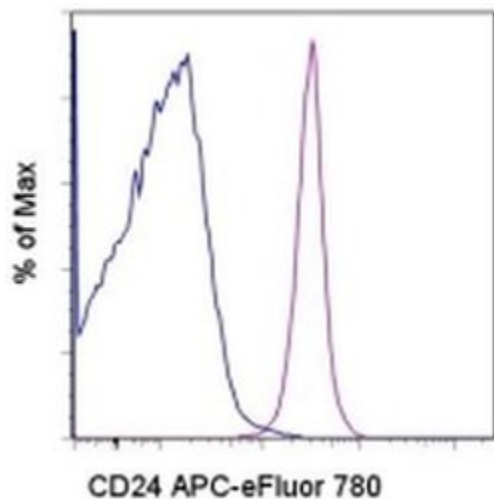
Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 µL cell sample + 100 µL IC Fixation Buffer) or 1-step Fix

/Lyse Solution (cat. 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency /compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

Excitation: 633-647 nm; Emission: 780 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD24 Monoclonal Antibody (eBioSN3 (SN3 A5-2H10)), APC-eFluor 780, eBioscience™



CD24 Antibody (47-0247-42) in Flow

Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control APC-eFluor® 780 (Product # 47-4714-82) (blue histogram) or Anti-Human CD24 APC-eFluor® 780 (purple histogram). Cells in the granulocyte gate were used for analysis.

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

14 References

Flow Cytometry (14)

Nature cell biology

GATA3 suppresses metastasis and modulates the tumour microenvironment by regulating microRNA-29b expression.

"Published figure using CD24 monoclonal antibody (Product # 47-0247-42) in Flow Cytometry"

Authors: Chou J, Lin JH, Brenot A, Kim JW, Provot S, Werb Z

Species
Mouse

Dilution
Not Cited

Year
2013

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 # 47-0247-42) in Flow Cytometry"

Authors: Toneff MJ, Sreekumar A, Tinnirello A, Hollander PD, Habib S, Li S, Ellis MJ, Xin L, Mani SA, Rosen JM

Species
Not Applicable

Dilution
Not Cited

Year
2016

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More applications with references on thermofisher.com

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