

# CD24 Monoclonal Antibody (eBioSN3 (SN3 A5-2H10)), NovaFluor™ Blue 690, eBioscience™

Product Details	
Size	100 Tests
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	eBioSN3 (SN3 A5-2H10)
Conjugate	NovaFluor™ Blue 690
Excitation/Emission Max	672/688 nm
Form	Liquid
Concentration	0.4 µg/Test
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2926091

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.4 µg)/test	-

## 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 (0.4 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<sup>5</sup> to 10<sup>8</sup> cells/test.

NovaFluor dyes are not compatible with DNA intercalating viability dyes. Do not use viability dyes such as propidium iodide, 7-actinomycin D (7-AAD) and DAPI. Invitrogen LIVE/DEAD Fixable Dead Cell stains are recommended for use with NovaFluor dyes.

Each NovaFluor conjugate or kit is shipped with CellBlox Blocking Buffer. Use this buffer whenever staining with NovaFluor conjugates, including single-color compensation controls using cells. Whenever possible, we recommend adding CellBlox Blocking Buffer to antibody cocktails/master mixes prior to combining with cells. Add 5 µL per sample (regardless of the number of NovaFluors in your panel) to use the antibody cocktail as intended. For single-color controls, use 5 µL of CellBlox Blocking Buffer per 100µL of cell sample containing 10<sup>3</sup> to 10<sup>8</sup> cells.

NovaFluor conjugates are based on Phiton™ technology utilizing novel nucleic acid dye structures that allow for engineered fluorescent signatures with consideration for spillover and spread impacts. [Learn more](#)

Excitation: 494 nm; Emission: 755 nm; Laser: 488 nm (Blue) Laser

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