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30-2247: Anti-CD24 Monoclonal Antibody (Clone:SN3)-PE Conjugated

Clonality: Monoclonal

Clone Name: SN3

FACS. IHC-Fr Application: Reactivity: Human Conjugate: PΕ Gene: CD24 Gene ID: 100133941 **Uniprot ID:** P25063 **Alternative Name:** CD24,CD24A Isotype: Mouse IgG1

Immunogen Information: Glycoproteins purified from human NALM-1 cell line.

Description

CD24, also known as heat-stable antigen (HSA) or nectadorin, is a small mucin-like GPI-anchored extracellular membrane glycoprotein expressed on several cell types, including B cells. When B cells are activated and induced to further maturation, however, CD24 begins to disappear. CD24 seems to act as a gate-keeper for lipid rafts, thereby regulating the activity of integrins and other proteins such as the chemokine receptor CXCR4; it is also a ligand for P-selectin. CD24 triggering induces apoptosis of B cell precursors but not in mature resting B cells, where it instead inhibits their ability to proliferate in response to activation. CD24 expression is associated with invasiveness and poorer prognosis of carcinomas and is a marker of exosomes secreted into urine and amniotic fluid.

Product Info

Amount: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

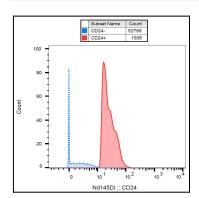


Figure 1: Surface staining (mass cytometry) of PBMC after Ficoll-Paque separation with anti-human CD24 (SN3) Nd145.