

30-1737: Anti-CD24 Monoclonal Antibody (Clone:SN3)-APC Conjugated

Clonality :	Monoclonal
Clone Name :	SN3
Application :	FACS, IHC-Fr
Reactivity :	Human
Conjugate :	APC
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.

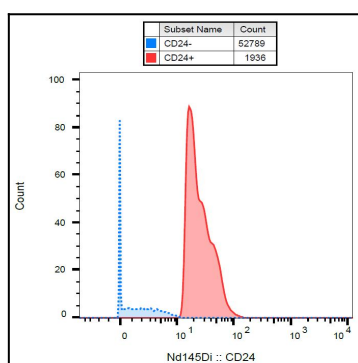


Figure 1: Surface staining (mass cytometry) of PBMC after Ficoll-Paque separation with anti-human CD24 (SN3) Nd145.