

### 30-1353: Anti-CD24 Monoclonal Antibody (Clone:SN3)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	SN3
<b>Application :</b>	FACS, IHC-Fr
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD24
<b>Gene ID :</b>	100133941
<b>Uniprot ID :</b>	P25063
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD24,CD24A
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

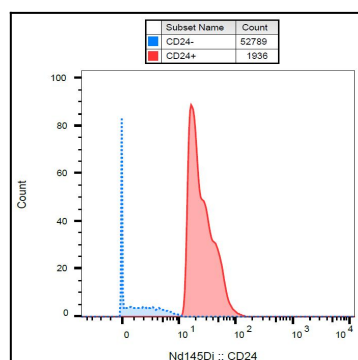


Figure 1: Surface staining (mass cytometry) of PBMC after Ficoll-Paque separation with anti-human CD24 (SN3) Nd145.