

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

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| 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

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| Amount : | 100 tests |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

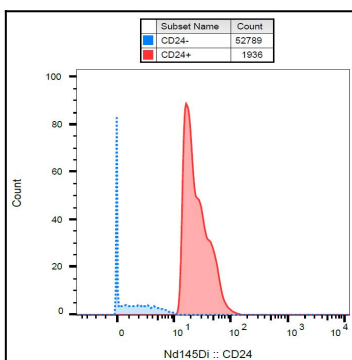


Figure 1: Surface staining (mass cytometry) of PBMC after Ficoll-Paque separation with anti-human CD24 (SN3) Nd145.