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**CD24 (SN3)****Analyte Specific Reagent (ASR)\***

Type	Number of tests	Volume per test (µL)	Total volume (µL)	Catalog number
PE	50	5	250	4233022
	100	5	500	4233025

<b>Antigen:</b>	CD24
<b>Immunogen:</b>	Glycoproteins purified from human NALM-1 cell line
<b>Host/Isotype:</b>	Mouse, IgG1, $\kappa$
<b>Reactivity:</b>	Human
<b>Purity:</b>	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
<b>Formulation:</b>	PBS, pH7.2, 0.09%NaN <sub>3</sub> (unconjugated, Biotin) PBS, pH7.2, 0.09% NaN <sub>3</sub> and 0.2% (w/v) BSA (conjugated)
<b>Storage:</b>	Store at 2-8°C and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Applications:</b>	Flow Cytometry

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**Antigen Information**

The clone SN3, a mouse monoclonal antibody, binds with a ~35-45 kDa cell surface glycosyl-phosphatidylinositol-anchored heat-stable antigen known as CD24. It is variably expressed on the surface of all B lineage cells (but not plasma cells), granulocytes, follicular dendritic cells, and epithelial cells and may play a role in the regulation of activation, proliferation and maturation of these cells.

**References**

1. Barcos, M, et al. 1986. *Hematol Oncol.* 4: 251.
2. Fukukawa, T, et al. 1986. *Exp Hematol.* 14:850
3. Ohyama, M, et al. 2006. *J Clin. Invest.* 116:249
4. Li, O, et al. 2004. *J Exp Med.* 200:1083.
5. Kay, R, et al. 1991. *J. Immunol.* 147:1412.

\*Analyte Specific Reagent. The analytical and performance characteristics of this ASR product are not established.