

Product name:	PE Anti-Mouse CD24 Antibody[M1/69]
Cat number:	MAB1179UD
Conjugate:	PE
Size:	100µg
Clone:	Monoclonal
Concentration:	0.2 mg/mL
Host:	Rat
Isotype:	Rat IgG2b, κ
Reactivity:	Mouse
Applications:	Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/106 cells in 100 µL volume].
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Storage:	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Synonyms:	Cd24a;Ly-52;Cd24

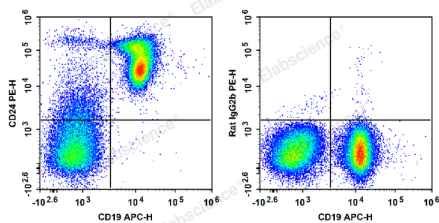
Background:

CD24 is a 35-45 kD protein also known as Heat Stable Antigen (HSA), Ly-52, or Nectadrin. It is a GPI-linked sialoglycoprotein expressed on lymphocytes, granulocytes, epithelial cells, thymocytes, monocytes, erythrocytes, and dendritic cells. CD24 expression varies during T and B cell differentiation and is a useful marker for delineating various lymphocyte developmental stages. CD24 serves as an adhesion or costimulatory molecule involved in T and B lymphocyte activation and differentiation by homophilic binding or binding to CD62P.

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C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD19 Antibody and PE Anti-Mouse CD24 Antibody (Left). Splenocytes are stained with APC Anti-Mouse CD19 Antibody and PE Rat IgG2b, κ Isotype Control (Right).

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