

PE anti-mouse CD24

Catalog # / Size: 138503 / 50 µg
138504 / 200 µg

Clone: 30-F1

Isotype: Rat IgG2c, κ

Immunogen: Mouse thymus/spleen

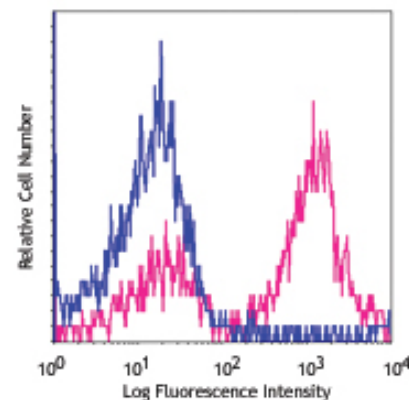
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 mouse splenocytes stained with 30-F1 PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Ledbetter JA, *et al.* 1979. *Immunol. Rev.* 47:63. (FC)

Description: 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, dendritic cells, hematopoietic stem cells, and neurons. 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.

Antigen References: 1. Li YS, *et al.* 1993. *J. Exp. Med.* 178:951.
2. Aigner S, *et al.* 1995. *Int. Immunol.* 7:1557.
3. Hunte BE, *et al.* 1998. *Eur. J. Immunol.* 28:3850.
4. Auerbach R, *et al.* 1996. *Stem Cells* 14:269.
5. Allman DM, *et al.* 1993. *J. Immunol.* 151:4431.

Related Products:

Product	Clone	Application
PE Rat IgG2c, κ Isotype Ctrl	RTK4174	FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
TruStain fcX™ (anti-mouse CD16/32)	93	FC



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