

## FITC Anti-Mouse CD24 Antibody[M1/69]

Catalog Number: E-AB-F1179C

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

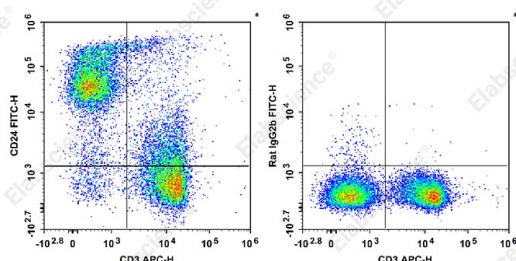
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, $\kappa$
Clone No.	M1/69
Isotype Control	FITC Rat IgG2b, $\kappa$ Isotype Control[LTF-2] [Product E-AB-F09842C]
Conjugation	FITC
Conjugation Information	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD3 Antibody and FITC Anti-Mouse CD24 Antibody[M1/69] (Left). Splenocytes are stained with APC Anti-Mouse CD3 Antibody and FITC Rat IgG2b,  $\kappa$  Isotype Control (Right).

### Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

### Antigen Information

Alternate Names	Ly-52;Cd24a;HAS;Nectadrin;R13-Ag;X62 heat stable antigen
Uniprot ID	P24807

### For Research Use Only

**Gene ID**

12484

**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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