

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Mouse CD24 Antibody[M1/69]

Catalog Number: E-AB-F1179M1

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2b, κ
Clone No. M1/69

Isotype Control Elab Fluor® 700 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842M1]

Conjugation Elab Fluor® 700

Conjugation Information Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

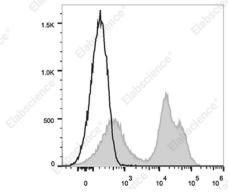
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

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

Data



Staining of C57BL/6 murine splenocytes cells with Elab Fluor

® 700 Anti-Mouse CD24 Antibody[M1/69](filled gray histogram) or Elab Fluor® 700 Rat IgG2b,κIsotype Control (empty black histogram). Total viable cells were used for analysis.

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

 Gene ID
 12484

For Research Use Only

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Elabscience Bionovation Inc.

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Background

Elabscience®

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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