

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

Catalog Number: E-AB-F1179UM1

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

Description

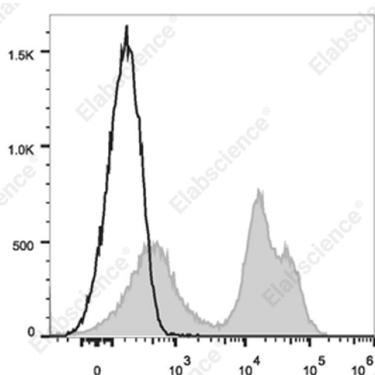
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|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Clone No. | M1/69 |
| Isotype Control | Elab Fluor® 700 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843M1] |
| 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

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|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCM | 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/10 ⁶ cells in 100 µL volume]. |
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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,κ isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

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| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

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|------------------------|----------------------------------------------------------|
| Alternate Names | Ly-52;Cd24a;HAS;Nectadrin;R13-Ag;X62 heat stable antigen |
| Uniprot ID | P24807 |
| Gene ID | 12484 |

For Research Use Only

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.