

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Red 780 Anti-Mouse CD24 Antibody[M1/69]

Catalog Number: E-AB-F1179S

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ M1/69 Clone No.

Isotype Control Elab Fluor® Red 780 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842S]

Conjugation Elab Fluor®Red 780

Conjugation Information Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

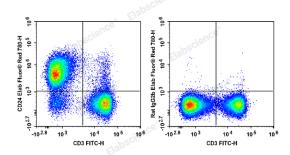
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

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 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



C57BL/6 murine splenocytes are stained with FITC Anti-

Mouse CD3 Antibody and Elab Fluor® Red 780 Anti-Mouse CD24 Antibody (Left). Splenocytes are stained with FITC

Anti-Mouse CD3 Antibody and Elab Fluor® Red 780 Rat IgG2b, κ 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 Gene ID 12484

For Research Use Only

Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Web:www.elabscience.com

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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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