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Elab Fluor® 488 Anti-Mouse CD24 Antibody[M1/69]

Catalog Number: E-AB-F1179L

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® 488 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842L]

Conjugation Elab Fluor®488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

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

Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM**

> 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.

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 Lv-52;Cd24a;HAS;Nectadrin;R13-Ag;X62 heat stable antigen

Uniprot ID P24807 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.

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

Email:techsupport@elabscience.com

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