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PerCP/Cyanine 5.5 Anti-Mouse CD24 Antibody [M1/69]

Catalog Number: E-AB-F1179J

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ Clone No. M1/69

PerCP/Cyanine5.5 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842J] Isotype Control

PerCP/Cyanine 5.5 Conjugation

Conjugation Information PerCP/Cyanine 5.5 is designed to be excited by the blue laser (488 nm) and detected

using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

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

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.

Data

C57BL/6 murine splenocytes are stained with

PerCP/Cyanine 5.5 Anti-Mouse CD24 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

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 Cd24a;Ly-52;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.

For Research Use Only

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