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# PE/Cyanine7 Anti-Mouse CD24 Antibody[M1/69]

Catalog Number: E-AB-F1179H

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 PE/Cyanine7 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842H]

Conjugation PE/Cyanine 7

Conjugation Information PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm

(e.g., a 780/60 nm bandpass filter).

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

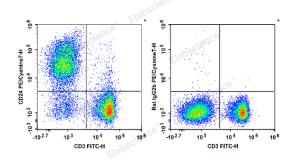
#### Applications Recommended usage

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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L 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 PE/Cyanine7 Anti-Mouse CD24 Antibody (Left). Splenocytes are stained with FITC Anti-Mouse CD3 Antibody and PE/Cyanine7 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

#### For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

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#### **Elabscience Bionovation Inc.**

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Gene ID **Background**  12484

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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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