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

Catalog No.E-AB-F1179USReactivityMouseStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

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

## **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.

### **Product Details**

 $\begin{tabular}{lll} Form & Liquid \\ Concentration & 0.5 mg/mL \\ Size & 25 \mu g/100 \mu g \\ Clone No. & M1/69 \\ Host & Rat \\ \end{tabular}$ 

IsotypeRat IgG2b, κReactivityMouseApplicationFCM

Isotype ControlElab Fluor® Red 780 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843S]Storage BufferPhosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping** Biological ice pack at 4 °C **Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

Web: www.elabscience.com Email: techsupport@elabscience.com

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# **Fluorophore**

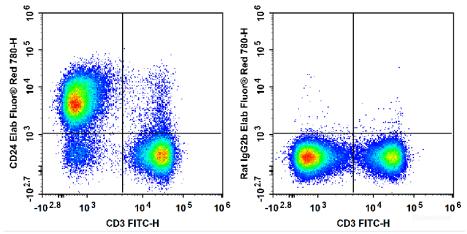
Conjugation: Elab Fluor® Red 780

Elab Fluor<sup>®</sup> 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).

## **Recommended usage**

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  $\mu g/10^6$  cells in  $100~\mu L$  volume].

### **Product data**



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD3 Antibody and Elab Fluor<sup>®</sup> Red 780 Anti-Mouse CD24 Antibody (Left). Splenocytes are stained with FITC Anti-Mouse CD3 Antibody and Elab Fluor<sup>®</sup> Red 780 Rat IgG2b, κ Isotype Control (Right).

## **Related Information**

- 1. Sample Preparation for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5594.html">https://www.elabscience.com/List-detail-5594.html</a>
- 2. Staining Cell Surface Targets for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5568.html">https://www.elabscience.com/List-detail-5568.html</a>
- 3. Flow Cytometry Troubleshooting Tips <a href="https://www.elabscience.com/List-detail-5593.html">https://www.elabscience.com/List-detail-5593.html</a>
- 4. How to select the appropriate detection channel through the spectrogram? <a href="https://www.elabscience.com/List-detail-459742.html">https://www.elabscience.com/List-detail-459742.html</a>

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