

PE/Elab Fluor® 594 Anti-Mouse CD2 Antibody[RM2-5]

Catalog Number: E-AB-F1387P

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

Description

| | |
|--------------------------------|---|
| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2b, λ |
| Clone No. | RM2-5 |
| Isotype Control | PE/Elab Fluor® 594 Rat IgG2b, λ Isotype Control[G013B8] [Product AN00565P] |
| Conjugation | PE/Elab Fluor® 594 |
| Conjugation Information | PE/Elab Fluor® 594 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 620 nm (e.g., a 610/20 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA. |

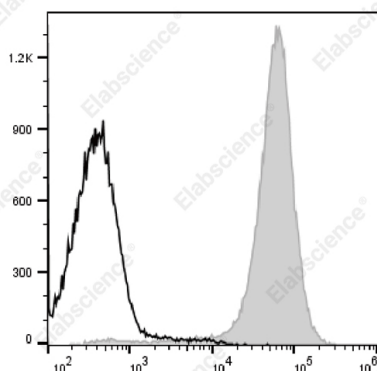
Applications

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

Data



Staining of C57BL/6 murine splenocytes cells with PE/Elab Fluor® 594 Anti-Mouse CD2 Antibody[RM2-5] (filled gray histogram) or PE/Elab Fluor® 594 Rat IgG2b, λ Isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

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|-----------------|---|
| 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

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|------------------------|------------------------|
| Alternate Names | LFA-2;T11;Ly-37;SRBC-R |
| Uniprot ID | P08920 |

For Research Use Only

Gene ID

12481

Background

CD2 is a 45-58 kD type I transmembrane glycoprotein, also known as LFA-2, T11 or Ly-37. It is a member of the Ig superfamily. Mouse CD2 is primarily expressed on T cells, B cells, thymocytes and NK cells. It is a ligand for CD48 and is involved in T cell activation and differentiation.