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# 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

IsotypeRat lgG2b,  $\lambda$ 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% stabilizer.

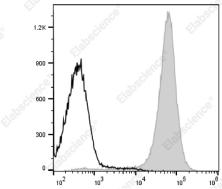
#### Applications Recommended usage

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



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**

**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 LFA-2;T11;Ly-37;SRBC-R

Uniprot ID P08920

### For Research Use Only

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



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Gene ID

Background

12481

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.