

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Mouse CD2 Antibody[RM2-5]

Catalog Number: E-AB-F1387L

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, \(\lambda\) RM2-5 Clone No.

Isotype Control Elab Fluor® 488 Rat IgG2b, λ Isotype Control[G013B8] [Product AN00565L]

Conjugation Elab Fluor®488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

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

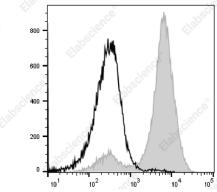
Applications Recommended usage

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 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



Staining of C57BL/6 murine splenocytes cells with Elab Fluor® 488 Anti-Mouse CD2 Antibody[RM2-5] (filled gray histogram) or Elab Fluor® 488 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

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

Uniprot ID P08920 Gene ID 12481

For Research Use Only

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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.