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# FITC Anti-Mouse CD2 Antibody[RM2-5]

Catalog Number: E-AB-F1387C

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

## Description

Reactivity Mouse Host Rat

IsotypeRat IgG2b,  $\lambda$ Clone No.RM2-5

Isotype Control FITC Rat IgG2b, λ Isotype Control[G013B8] [Product AN00565C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

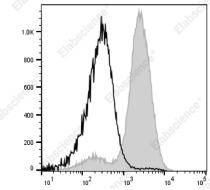
## Applications Recommended usage

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 FITC Anti-Mouse CD2 Antibody[RM2-5] (filled gray histogram) or FITC Rat  $IgG2b,\lambda$  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

 Gene ID
 12481

# For Research Use Only

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

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

# **Elabscience Bionovation Inc.**



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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.