

FITC Anti-Mouse CD2 Antibody[RM2-5]

Catalog Number: E-AB-F1387C

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

Description

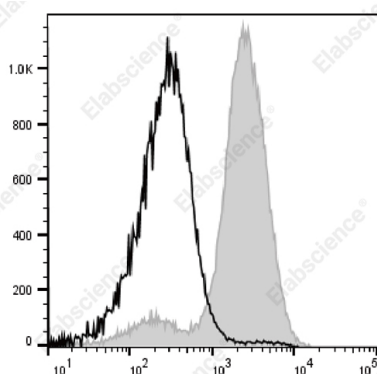
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, λ
Clone No.	RM2-5
Isotype Control	FITC Rat IgG2b, λ Isotype Control[G013B8] [Product AN00565C]
Conjugation	FITC
Conjugation Information	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., 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 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.
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Data



Staining of C57BL/6 murine splenocytes cells with FITC Anti-Mouse CD2 Antibody[RM2-5] (filled gray histogram) or FITC 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 24 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

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.