PerCP/Cyanine5.5 Anti-Mouse CD4 Antibody[RM4-5]

Catalog Number: E-AB-F1353J

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

## Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2a, κ
Clone No.	RM4-5
Isotype Control	PerCP/Cyanine5.5 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832J]
Conjugation	PerCP/Cyanine 5.5
Conjugation Information	PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 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.

Data
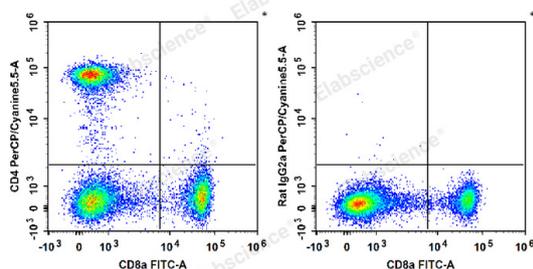
C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD8a Antibody and PerCP/Cyanine5.5 Anti-Mouse CD4 Antibody[RM4-5] (Left). Splenocytes are stained with FITC Anti-Mouse CD8a Antibody and PerCP/Cyanine5.5 Rat IgG2a, κ Isotype Control (Right).

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	L3T4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;T4
Uniprot ID	P06332
Gene ID	12504

For Research Use Only

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Rev. V1.6

Background	CD4 is a 55 kD protein also known as L3T4 or T4. It is a member of the Ig superfamily, primarily expressed on most thymocytes and a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a co-receptor with the TCR during T cell activation and thymic differentiation by binding MHC class II and associating with the protein tyrosine kinase lck.

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