Elab Fluor® 488 Anti-Rat CD4(domain 1) Antibody[OX-38]

Catalog Number: E-AB-F1105UL

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

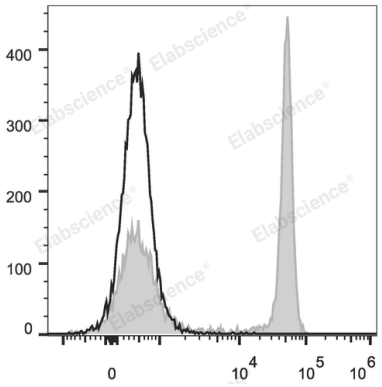
Description

Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	OX-38
Isotype Control	Elab Fluor® 488 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09803L]
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).
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. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μg/10^6 cells in 100 μL volume].

Data



Rat splenocytes are stained with Elab Fluor® 488 Anti-Rat CD4(domain 1) Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

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	CD4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;domain 1
Uniprot ID	P05540
Gene ID	24932

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Background

CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.

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