

Elab Fluor® 488 Anti-Rat TCR α/β Antibody[R73]

Catalog Number: AN00669L

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

Description

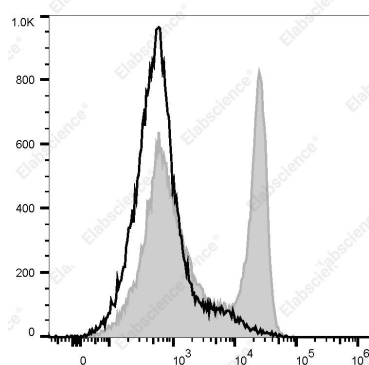
Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	R73
Isotype Control	Elab Fluor® 488 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802L]
Conjugation	Elab Fluor® 488
Conjugation Information	Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using an optical 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. 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 Rat splenocytes cells with Elab Fluor® 488 Anti-Rat TCR α/β Antibody[R73] (filled gray histogram) or Elab

Fluor® 488 Mouse IgG2a 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	TCR α/β; α/β TCR
Gene ID	24820;290071

For Research Use Only

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Rev. V1.2

Background

TCR α and β are members of the immunoglobulin superfamily and components of the CD3/TCR complex expressed on most peripheral T cells, intestinal epithelial lymphocytes, and thymocytes. The CD3/TCR complex plays a key role in antigen recognition, signal transduction, and T cell activation. The TCR α/β recognizes peptide bound to MHC class I and II.