

**Elab Bright™ Violet 650 Anti-Mouse CD4 Antibody[RM4-5]**

Catalog Number: E-AB-F1353U

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

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2a, $\kappa$
Clone No.	RM4-5
Isotype Control	Elab Bright™ Violet 650 Rat IgG2a, $\kappa$ Isotype Control[R35-95] [Product AN00822U]
Conjugation	Elab Bright™ Violet 650
Conjugation Information	Elab Bright Violet 650 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 650 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

**Applications****Recommended usage**

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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**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	L3T4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;T4
Uniprot ID	P06332
Gene ID	12504
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, a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC class II and associating with the protein tyrosin kinase, lck.