



A Reliable Research Partner in Life Science and Medicine

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 Rat Host

Isotype Rat IgG2a, ĸ RM4-5 Clone No.

Elab Bright™ Violet 650 Rat IgG2a, κ Isotype Control[R35-95] [Product AN00822U] Isotype Control

Elab Bright™Violet 650 Conjugation

Conjugation Information Elab BrightTM 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).

Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM**

> 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.

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.

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