

A Reliable Research Partner in Life Science and Medicine

Elab Fluor[®] Violet 450 Anti-Mouse Ig light chain κ Antibody[187.1]

Catalog Number: AN00650Q

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG1, κ
Clone No. 187.1

Isotype Control Elab Fluor® Violet 450 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822Q]

Conjugation Elab Fluor® Violet 450

Conjugation Information Elab Fluor[®] Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

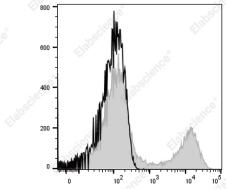
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of C57BL/6 murine splenocytes cells with Elab Fluor

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 Immunoglobulin light chain kappa;AN00650

Uniprot ID \

Gene ID 243469

For Research Use Only

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[®] Violet 450 Anti-Mouse Ig light chain κ Antibody[187.1] (filled gray histogram) or Elab Fluor[®] Violet 450 Rat IgG1, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

Elabscience Bionovation Inc.



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Background

The 187.1 monoclonal antibody reacts with the kappa chain of the mouse immunoglobulin light chain. The κ chain is one of two types of polypeptide subunits which make up the immunoglobulin light chain. A typical antibody is composed of two immunoglobulin heavy chains and two immunoglobulin light chains. The κ chain is coded for by V (variable), J (joining) and C (constant) genes. These genes undergo V(D)J recombination to generate a diverse repertoire of immunoglobulins.

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