

A Reliable Research Partner in Life Science and Medicine

PE/Elab Fluor® 594 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10]

Catalog Number: AN00429UP

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

Description

Reactivity Mouse Host Mouse

Isotype Mouse IgG2a, κ **Clone No.** SF1.1.10

Isotype Control

PE/Elab Fluor[®] 594 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802P]

Conjugation PE/Elab Fluor® 594

Conjugation Information PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm

(e.g., a 610/20 nm bandpass filter).

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

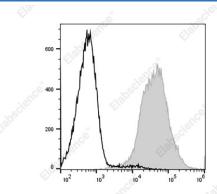
Applications Recommended usage

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 BALB/c murine splenocytes cells with PE/Elab Fluor® 594 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10] (filled gray histogram) or PE/Elab Fluor® 594 Mouse IgG2a, κ 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 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names MHC class I;H-2Kd

Uniprot ID Q31191

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

Elabscience Bionovation Inc.



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Gene ID

Background

14972

The SF1-1.1 antibody reacts with the H-2Kd MHC class I alloantigens expressed on nucleated cells from mice of the H-2Kd haplotype. H-2Kd is involved in antigen presentation to T cells expressing CD3/TCR and CD8 proteins.

Fax: 1-832-243-6017