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PE/Cyanine 5.5 Anti-Mouse MHC I (H-2Kd) Antibody [SF1.1.10]

Catalog Number: AN004291

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

Description

Reactivity Mouse Mouse Host

Isotype Mouse IgG2a, ĸ Clone No. SF1.1.10

PE/Cyanine5.5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802I] Isotype Control

PE/Cyanine 5.5 Conjugation

Conjugation Information PE/Cyanine5.5 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 690 nm

(e.g., a 690/50 nm bandpass filter).

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

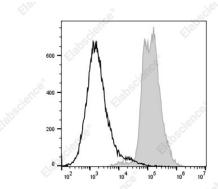
Applications Recommended usage

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.

Data



Staining of BALB/c murine splenocytes cells with

PE/Cyanine5.5 Anti-Mouse MHC I (H-2Kd)

Antibody[SF1.1.10] (filled gray histogram) or PE/Cyanine5.5

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

Fax: 1-832-243-6017 Tel: 1-832-243-6086 Toll-free: 1-888-852-8623 Web:www.elabscience.com

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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.