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

Catalog Number: AN00429D

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 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802D]

Conjugation PE

**Conjugation Information** PE 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 575 nm (e.g., a 585/42

nm bandpass filter).

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

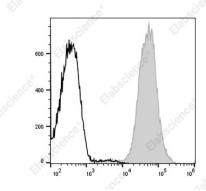
### Applications Recommended usage

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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10] (filled gray histogram) or PE 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 lce bag

# **Antigen Information**

Alternate Names MHC class I;H-2Kd

 Uniprot ID
 Q31191

 Gene ID
 14972

# 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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# **Background**

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