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

Catalog Number: AN00429UC

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 FITC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

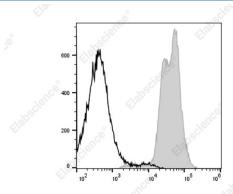
## Applications Recommended usage

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 FITC Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10] (filled gray histogram) or FITC 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  $^{\circ}\text{C}$  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

 Gene ID
 14972

## For Research Use Only

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## **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.

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