

## Elab Fluor® 488 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10]

Catalog Number: AN00429UL

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

### Description

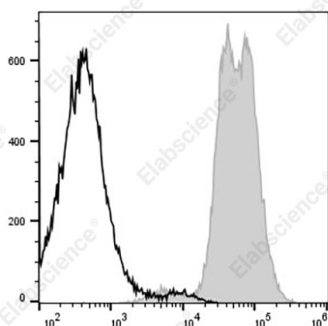
<b>Reactivity</b>	Mouse
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone No.</b>	SF1.1.10
<b>Isotype Control</b>	Elab Fluor® 488 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802L]
<b>Conjugation</b>	Elab Fluor® 488
<b>Conjugation Information</b>	Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10 <sup>6</sup> cells in 100 µL volume].
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### Data



Staining of BALB/c murine splenocytes cells with Elab Fluor® 488 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10] (filled gray histogram) or Elab Fluor® 488 Mouse IgG2a, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	MHC class I;H-2Kd
<b>Uniprot ID</b>	Q31191
<b>Gene ID</b>	14972

### For Research Use Only

## **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.