

## Purified Anti-Mouse MHC I (H-2Kd) Antibody[SF1-1.1.10]

catalog number: AN004290P

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

### Description

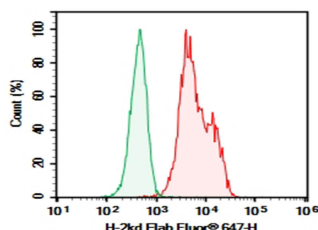
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse MHC Class I (H-2Kd) protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a,κ
<b>Clone</b>	SF1-1.1.10
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS, pH 7.2. Contains 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL(0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### Data



C57/BL6 Mouse splenocytes were stained with 0.2 µg Biotin conjugated Anti-Mouse MHC I (H-2Kd) Antibody[SF1-1.1.10] (Right) and 0.2 µg Biotin conjugated Mouse IgG2a, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated SA Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

This protein is an MHC class I alloantigen, which is involved in antigen presentation to T cells expressing CD3/TCR and CD8. HLA and MHC antibodies play a significant role in Immunopeptidomics, facilitating the identification and characterization of neoantigens through high-performance liquid chromatography coupled to tandem Mass Spectrometry.