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

catalog number: **AN004290P**

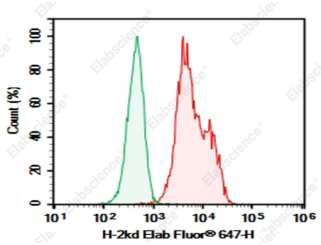
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse MHC Class I (H-2Kd) protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	SF1-1.1.10
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

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

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

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