

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

Catalog Number: GF004290P

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

Description

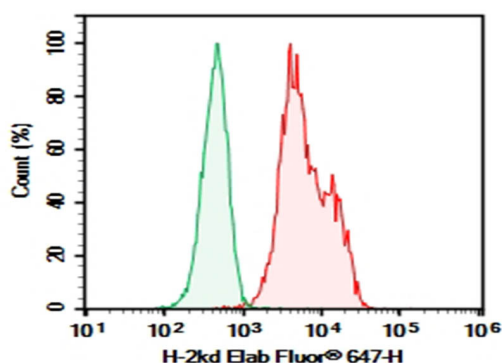
Reactivity	Mouse
Immunogen	Recombinant Mouse MHC Class I (H-2Kd) protein
Host	Mouse
Isotype	Mouse IgG2a,κ
Clone	SF1-1.1.10
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications

Recommended Dilution

FCM	2 µg/mL (0.5×10 ⁶ -1×10 ⁶ 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

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.