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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

IsotypeMouse IgG2a,κCloneSF1-1.1.10

Purification >98%, Protein A/G purified

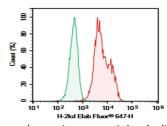
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μ g Biotin conjugated Anti-Mouse MHC I (H-2Kd) Antibody[SF1-1.1.10] (Right) and 0.2 μ g Biotin conjugated Mouse IgG2a, κ Isotype

Control (Left), followed by Elab Fluor[®] 647-conjugated SA Secondary Antibody.

Preparation & Storage

Storage 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.

For Research Use Only

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