

PE/Cyanine5 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10]

Catalog Number: AN00429G

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

Description

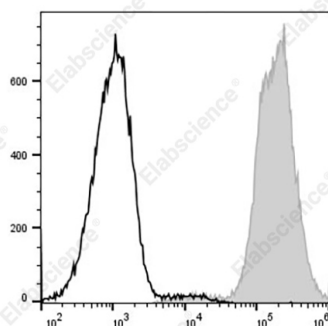
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|--------------------------------|--|
| Reactivity | Mouse |
| Host | Mouse |
| Isotype | Mouse IgG2a, κ |
| Clone No. | SF1.1.10 |
| Isotype Control | PE/Cyanine5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802G] |
| Conjugation | PE/Cyanine 5 |
| Conjugation Information | PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm (e.g., a 690/50 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |

Applications

Recommended usage

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| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |
|------------|---|

Data



Staining of BALB/c murine splenocytes cells with PE/Cyanine5 Anti-Mouse MHC I (H-2Kd) Antibody[SF1.1.10] (filled gray histogram) or PE/Cyanine5 Mouse IgG2a, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

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|-----------------|---|
| Storage | 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. |
| Shipping | Ice bag |

Antigen Information

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|------------------------|-------------------|
| Alternate Names | MHC class I;H-2Kd |
| Uniprot ID | Q31191 |

For Research Use Only

Gene ID

14972

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.