Technical Data Sheet

PE Mouse Anti-Mouse H-2Kb

Product Information

Material Number: 553570
Size: 0.1 mg
Concentration: 0.2 mg/ml
Clone: AF6-88.5
Immunogen: Mouse C57BL/6 Splenocytes
Isotype: Mouse (BALB/c) IgG2a, κ
Reactivity: QC Testing: Mouse
Storage Buffer: Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The AF6-88.5 antibody recognizes the H-2Kb MHC class I alloantigen. Reactivity with other haplotypes (e.g., d, f, j, k, p, q, r, s, u, v) has not been observed.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

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<tr>
<td>Flow cytometry</td>
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Suggested Companion Products

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<tr>
<td>553457</td>
<td>PE Mouse IgG2a, κ Isotype Control</td>
<td>0.1 mg</td>
<td>G155-178</td>
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Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Multicolor Flow Cytometry web page at www.bdbiosciences.com/colors.
4. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

Wall KA, Lorber MI, Loken MR, McClatchey S, Fitch FW. Inhibition of proliferation of Mls- and La-reactive cloned T cells by a monoclonal antibody against a determinant shared by I-A and I-E. J Immunol. 1983; 131(3):1056-64. (Clone-specific)