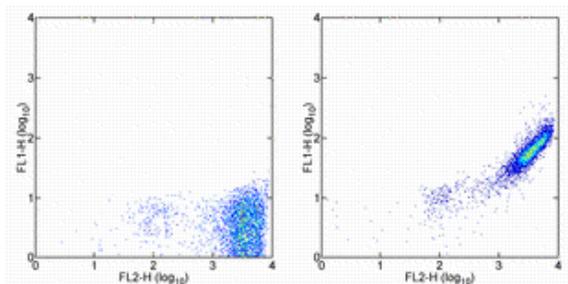


Anti-Phycoerythrin Purified

Catalog Number: 14-4120

Also Known As: Anti-PE

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Rat Anti-Human/Mouse CD44 PE (cat. 12-0441), followed by 0.125 ug of Mouse IgG1 K Isotype Control Purified (cat. 14-4714) (left) or 0.125 ug of Anti-Phycoerythrin Purified (right), followed by detection with Anti-Mouse IgG FITC (cat. 11-4011). Total viable cells were used for analysis.

Product Information

Contents: Anti-Phycoerythrin Purified

REF **Catalog Number:** 14-4120

Clone: eBioPE-DLF

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The eBioPE-DLF monoclonal antibody reacts with phycoerythrin (PE), PE-Cy5 and PE-Cy7, with no crossreactivity to fluorescein (FITC) or allophycocyanin (APC). When using eBioPE-DLF as a second-step antibody, in combination with an appropriate third step, to bind a PE-conjugated primary antibody, there is no decrease in the fluorescent intensity of the directly conjugated PE antibody. Therefore no interference or quenching of the PE fluorochrome is observed. The eBioPE-DLF can be used for separation of cells labeled with PE-conjugated antibodies or staining. Please note that the optimal concentration for this antibody will vary depending on the density of the primary PE-conjugated antibody and the application tested.

Applications Reported

This eBioPE-DLF antibody has been reported for use in flow cytometric analysis.

Applications Tested

This eBioPE-DLF antibody has been tested by flow cytometric analysis. This can be used at less than or equal to 0.125 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Guy K, Crichton DN, Ross JA. Indirect immunofluorescence labelling with complexes of phycoerythrin and monoclonal anti-phycoerythrin antibodies (PEAPE complexes). *J Immunol Methods*. 1988 Sep 13;112(2):261-5.

Related Products

11-4011 Anti-Mouse IgG FITC

12-0441 Anti-Human/Mouse CD44 PE (IM7)

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.1)

50-4010 F(ab')₂ Anti-Mouse IgG eFluor[®] 660 (polyclonal)

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