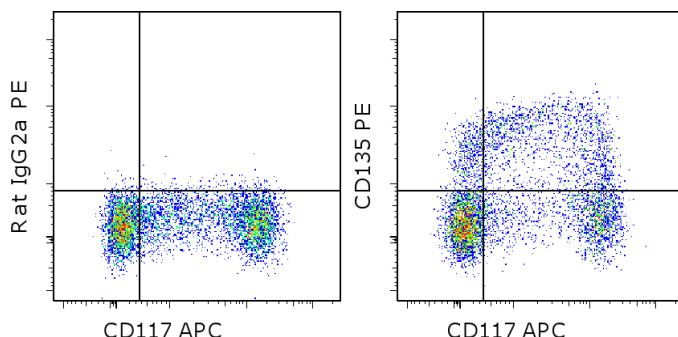


Anti-Mouse CD135 (Flt3) PE

Catalog Number: 12-1351

Also known as: Flk2, Ly-72

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



Staining of C57Bl/6 bone marrow cells with Anti-Mouse CD117 APC (cat. 17-1171) and 0.5 ug of Rat IgG2a kappa Isotype Control PE (cat. 12-4321) (left) or 0.5 ug of Anti-Mouse CD135 (Flt3) PE (right). Cells were also stained with Fixable Viability Dye eFluor® 780 (cat. 65-0865) and Mouse Hematopoietic Lineage Cocktail eFluor® 450 (cat. 88-7772), and viable, lineage negative/low cells in the large scatter population were used for analysis.

Product Information



Contents: Anti-Mouse CD135 (Flt3) PE

Catalog Number: 12-1351

Clone: A2F10

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG2a, kappa



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

Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.



Batch Code: Refer to vial



Use By: Refer to vial

Description

The A2F10 monoclonal antibody reacts with mouse CD135, also known as Flk2/Flt3. A member of the tyrosine kinase receptor family, this 135-150 kDa molecule is expressed by primitive progenitor cells in fetal liver and adult bone marrow. Two-color staining of adult mouse bone marrow cells with A2F10 and RA3-6B2 (CD45R/B220) or M1/70 (CD11b) reveals Flk-2-positive subpopulations of B cells or myeloid cells, respectively.

Applications Reported

The A2F10 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This A2F10 antibody has been tested by flow cytometric analysis of mouse bone marrow cells. This can be used at less than or equal to 1 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

Ogawa, M., S. Sugawara, et al. 1998. Flt3/Flk-2 and c-Kit are not essential for the proliferation of B lymphoid progenitor cells in the bone marrow of the adult mouse. *Exp Hematol* 26(6): 478-88.

Related Products

12-4321 Rat IgG2a K Isotype Control PE (eBR2a)

17-1171 Anti-Mouse CD117 (c-Kit) APC (2B8)

65-0865 Fixable Viability Dye eFluor® 780

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Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com • info@ebioscience.com