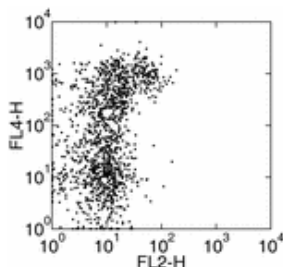


Anti-Mouse CD202b (TIE2) PE

Catalog Number: 12-5987

Also Known As: TIE-2, TEK, CD202

RUO: For Research Use Only



Staining of mouse bone marrow with Anti-Mouse Ly-6A/E (Sca-1) APC (cat. 17-5981), Anti-Mouse CD117 (c-Kit) APC (cat. 17-1171) and 1.0 µg of Anti-Mouse CD202b (TIE2) PE. Total viable lineage-negative cells were used for analysis.

Product Information

Contents: Anti-Mouse CD202b (TIE2) PE


REF Catalog Number: 12-5987

Clone: TEK4

Concentration: 0.2 mg/ml


Host/Isotype: Rat IgG1, κ

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.

LOT Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The TEK4 monoclonal antibody reacts with mouse Tie-2, also known as CD202. A member of the tyrosine kinase receptor family, Tie-2 is expressed on endothelial and a subset of hematopoietic cells and is believed to play a role in both angiogenesis and hematopoiesis during development of the mouse embryo. In fetal liver and adult bone marrow, Tie-2 is expressed by a subpopulation of hematopoietic progenitor cells characterized as Lineage markers⁻, c-Kit⁺, Sca1⁺ cells. Long-term multilineage repopulating cells were detected in Tie-2⁺, Lineage⁻, c-Kit⁺, Sca1⁺ cells but not in Tie-2⁻, Lineage⁻, c-Kit⁺, Sca1⁺ cells.

Applications Reported

The TEK4 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The TEK4 antibody has been tested by flow cytometric analysis of mouse bone marrow cell suspensions. This can be used at less than or equal to 2 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

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Related Products

12-4301 Rat IgG1 K Isotype Control PE

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