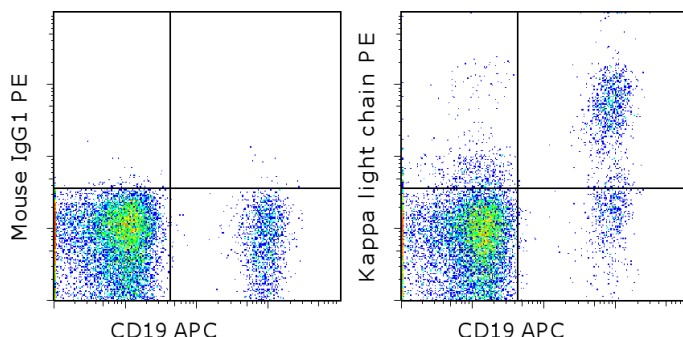


Anti-Human Ig kappa Light Chain PE

Catalog Number: 12-9970

Also known as: Immunoglobulin, Ig k

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



Staining of normal human peripheral blood cells with Anti-Human CD19 APC (cat. 17-0199) and Mouse IgG1 k Isotype Control PE (cat. 12-4714) (left) or Anti-Human Ig kappa Light Chain PE (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human Ig kappa Light Chain PE



Catalog Number: 12-9970

Clone: TB28-2

Concentration: 5 uL (0.5 ug)/test

Host/Isotype: Mouse IgG1, 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 monoclonal antibody TB28-2 recognizes the kappa light chain of human immunoglobulin. Approximately 22-kDa, the Ig kappa chain is comprised of one variable and one constant region. Two kappa chains together with the heavy chain comprise the whole Ig structure. Expression of Ig kappa is typically found on more than half of B lymphocytes.

Applications Reported

This TB28-2 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This TB28-2 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.5 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.

References

Bahler DW, Pindzola JA, Swerdlow SH. Splenic marginal zone lymphomas appear to originate from different B cell types. *m J Pathol.* 2002 Jul;161(1):81-8.

Perez MT, Cabello-Inchausti B, Viamonte M Jr, Nixon D. Pleural body cavity-based lymphoma. *Ann Diagn Pathol* 1998; 2: 127-134

Related Products

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.8.1)

17-0199 Anti-Human CD19 APC (HIB19)

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