

PE anti-human Ig light chain κ

Catalog # / 2563520 / 100 tests
Size: 2563515 / 25 tests

Clone: TB28-2

Isotype: Mouse IgG1, κ

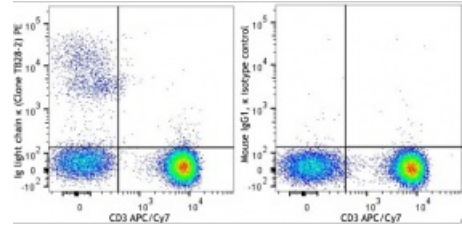
Immunogen: Human IgG κ myeloma protein CFA.

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Concentration: Lot-specific



Overnight cultured human peripheral blood lymphocytes were stained with CD3 APC/Cy7 and Ig light chain κ PE (clone TB28-2, left) or mouse IgG1, κ isotype control PE (right).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 μl per million cells or 5 μl per 100 μl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: The TB28-2 target antigen is also present in serum. Cell surface staining may be optimized by removing serum from the sample prior to staining.

Additional reported applications (for relevant formats) include immunohistochemical staining on frozen tissue sections¹.

Application References:

1. Katzmann JA, et al. 2002. Clin Chem. 48: 1437
2. Weinberg DS, et al. 1984. Blood. 63:1080.
3. Johnson A, et al. 1985. Br. J. Cancer. 52: 159.
4. Oka S, et al. 2012. J. Clin. Exp. Hematop.

Description: The TB28-2 antibody reacts with both soluble and membrane human immunoglobulin light chain kappa (κ). It does not react with human immunoglobulin light chain lambda (λ) or heavy chain.

Antigen

References:

1. Katzmann JA, et al. 2002. *Clin Chem.* 48: 1437
2. Weinberg DS, et al. 1984. *Blood.* 63:1080.
3. Johnson A, et al. 1985. *Br. J. Cancer.* 52: 159.
4. Oka S, et al. 2012. *J. Clin. Exp. Hematop.* 52: 127.