

Anti-human kappa light chain (TB28-2)

Type	Size	Catalog number
Unconjugated	100µg	104801
	500µg	104803
FITC	25 tests	104814
	100 tests	104815
	200 tests	104816
PE	25 tests	104824
	100 tests	104825
	200 tests	104826
PE-Cyanine 7	25 tests	104884
	100 tests	104885
	200 tests	104886

Antigen:	Kappa Light Chain
Immunogen:	Human kappa myeloma protein
Host/Isotype:	Mouse, IgG1, κ
Reactivity:	Human
Purity:	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation:	PBS, pH7.2, 0.09%NaN ₃ (unconjugated) PBS, pH7.2, 0.09% NaN ₃ and 0.2% (w/v) BSA (conjugated)
Storage:	Store at 2-8°C and protected from prolonged exposure to light. Do not freeze.
Applications:	Flow Cytometry

Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 0.5µg (unconjugated) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

Antigen Information

The clone TB28-2 specifically recognizes both soluble and surface expressing kappa light chains of human immunoglobulins. Immunoglobulins bearing kappa light chains are present on approximately 60% of normal B lymphocytes and all Igk+ leukemic cells. In serum, anti-kappa reacts with immunoglobulins bearing kappa light chains as well as free kappa light chains.

References

1. Stetler-Stevenson M et al. 2001, Semin Hematol. 38:111-123.
2. Weinberg DS et al 1984. Blood. 63:1080-1087.
3. Picker LJ et al 1987. Am J Pathol. 1987; 128:181-201.
4. Foon KA et al 1986. Blood. 68:1-31.
5. Smith BR et al 1984. N Engl J Med. 311:1476-1481.
6. Oertel J et al 1991. Clin Lab Haematol. 13:33-40.
7. Kuritani T et al 1982. J. Exp. Med. 155: 839-851.

Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.