
Ig Kappa Light Chain (TB28-2)**Analyte Specific Reagent (ASR)***

Type	Number of tests	Volume per test (μL)	Total volume (μL)	Catalog number
PE-Cyanine7	50	5	250	4048082
	100	5	500	4048085

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% NaN₃ and 0.2% (w/v) BSA
Storage: Store at 2-8°C and protected from prolonged exposure to light. **Do not freeze.**
Applications: Flow Cytometry.

Antigen Information

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.

*Analyte Specific Reagent. The analytical and performance characteristics of this ASR product are not established.