

## Product datasheet for **AM26044FC-N**

### Human Kappa Light Chain Mouse Monoclonal Antibody [Clone ID: TB28-2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	TB28-2
Applications:	FC
Recommended Dilution:	Flow cytometry analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10e6 cells in a suspension.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human IgG-kappa myeloma protein
Specificity:	This antibody human Ig kappa light chains of both secreted and cell surface immunoglobulin. It detects also free kappa light chains.
Formulation:	Phosphate buffered saline (PBS) containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent. Label: FITC State: Liquid purified Ig fraction Label: Conjugated with Fluorescein isothiocyanate under optimum conditions. The reagent is free of unconjugated and adjusted for direct use
Conjugation:	FITC
Storage:	Store the antibody at 2 - 8 °C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Background:	Immunoglobulin classes share the same basic four polypeptide chain structure of two heavy chains (five heavy chains types) and two light chains (kappa, lambda; both having a molecular weight of 22.5kDa). Kappa and lambda consist of a variable region and a constant region and can easily be differentiated by the antigenic properties of the constant region. The ratio of kappa to lambda is 70:30.



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