

Product datasheet for **AM26044PU-N**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	TB28-2
Applications:	FC, WB
Recommended Dilution:	Flow Cytometry. Recommended dilution: 1-5 µg/ml. Extracellular and intracellular staining. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human IgG-kappa myeloma protein
Specificity:	This antibody recognizes Human Ig kappa light chains of both secreted and cell surface immunoglobulin. It detects also free kappa light chains.
Formulation:	PBS, pH~7.4 State: Aff - Purified State: Liquid purified Ig fraction (> 95% by SDS-PAGE) Preservative: 15 mM Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
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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