

Product datasheet for **SM3064P**

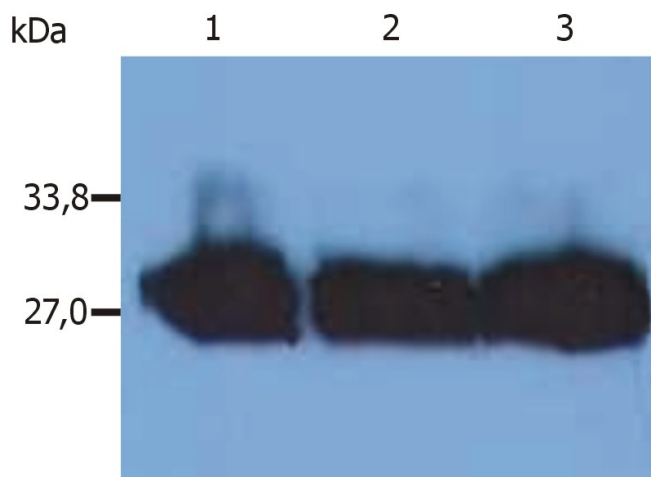
Human Kappa Light Chain Mouse Monoclonal Antibody [Clone ID: MEM-09]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MEM-09
Applications:	ELISA, FC, IF, IHC, IP, WB
Recommended Dilution:	Flow cytometry: Recommended dilution: 1-5 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Crude thymus membrane fraction.
Specificity:	The antibody reacts with both secreted and B cell-surface Human immunoglobulin, specifically reacts with kappa-light chains. Material immunoprecipitated from Human serum with the antibody MEM-09 consists of IgG and traces of IgM.
Formulation:	PBS, pH~7.4 State: Aff - Purified State: Liquid Ig fraction (> 95 % pure by SDS-PAGE) Preservative: 15mM 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 22.5 kDa). 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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Product images:

Western Blotting analysis (reducing conditions) of human blood sera using anti-human Immunoglobulin kappa-chain (MEM-09). Lane 1-3: Human blood serum of different healthy donors