

## ARG63045 Mouse anti-Human Kappa Light Chain antibody [MEM-09]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [MEM-09] recognizes Human Kappa Light Chain
Tested Reactivity	Hu
Tested Application	ELISA, FACS, ICC/IF, IHC-P, IP, WB
Specificity	The clone MEM-09 reacts with both secreted and B cell-surface human immunoglobulin, specifically reacts with kappa light chains (22.5 kDa). Material immunoprecipitated from human serum with the antibody MEM-09 consists of IgG and traces of IgM.
Host	Mouse
Clonality	Monoclonal
Clone	MEM-09
Isotype	IgG1
Target Name	Kappa Light Chain
Immunogen	Crude thymus membrane fraction.
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	FACS	5 µg/ml
	ICC/IF	Assay-dependent
	IHC-P	Assay-dependent
	IP	Assay-dependent
	WB	Assay-dependent
	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Application Note		

### Properties

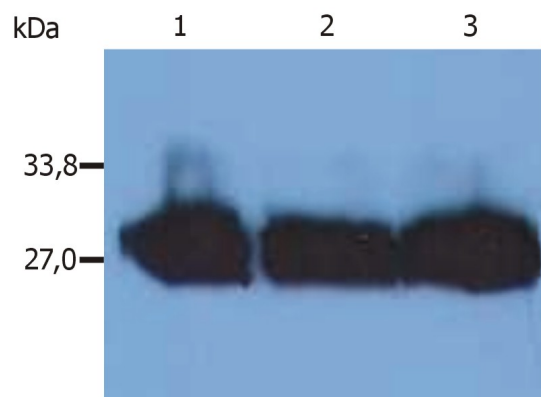
Form	Liquid
Purification	Purified from ascites by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide

Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 3514 Human</a>
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.
Research Area	Immune System antibody

## Images



ARG63045 Mouse anti-Human Kappa Light Chain antibody [MEM-09] WB image

Western blot: Human blood serum samples of different healthy donors stained with ARG63045 Mouse anti-Human Kappa Light Chain antibody [MEM-09].