

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

Package: 100 µg
Store at: -20°C

Summary

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| 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 |

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

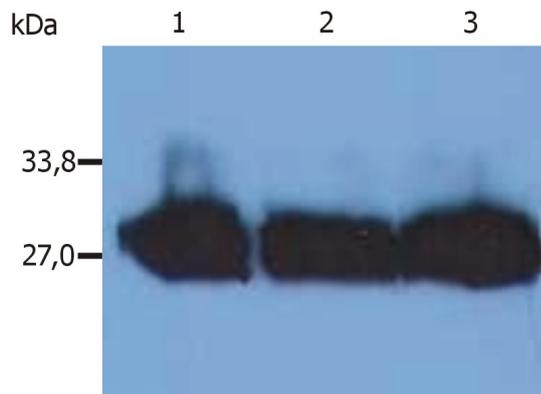
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|--------------|---|
| Form | Liquid |
| Purification | Purified from ascites by protein-A affinity chromatography. |
| Purity | > 95% (by SDS-PAGE) |
| Buffer | PBS (pH 7.4) and 15 mM Sodium azide |
| Preservative | 15 mM Sodium azide |

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| 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

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|----------------|---|
| Database links | GeneID: 3514 Human |
| 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].