



Mouse Anti-Human Ig Kappa Light Chain Monoclonal Antibody Datasheet

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| Product Name: mAb anti-human Ig Kappa Light Chain | Clone No.: YCK1 |
| Catalogue No.: MO-M40020 | Quantity: 0.5 mg/vial |
| Description: Mouse monoclonal antibody to human immunoglobulin (Ig) Kappa (κ) light chain | Research Area: Immunology |
| Purification: Protein G affinity purified | Background: The basic unit of human immunoglobulin (also called antibody) is comprised of 2 identical heavy chains and 2 identical light chains linked together by disulfide bonds. There are five types of heavy chains designated as α , δ , ϵ , γ , and μ , which define the class of the antibodies respectively as IgA, IgD, IgE, IgG and IgM. There are two types of light chain, designated as: κ (kappa) and (λ) lambda which are defined by the constant region on light chain. Human kappa light chain genes are mapped to chromosome 2 and lambda light chain genes are mapped to chromosome 22. |
| Product Type: Primary antibody | Applications: ELISA Immuno-blot |
| Target Protein: Free Kappa chain and combined Kappa light chain of human immunoglobulin | References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude. |
| Immunogen: Human immunoglobulin | |
| Fusion Myeloma: Sp2/0-Ag14 | |
| Specificity: Reactive with human Kappa light chain of human immunoglobulin in immunoblot and ELISA | |
| Species Reactivity: Human, others not tested | |
| Host / Isotype: Mouse, IgG1 Kappa | |
| Formulation: Lyophilized product | |
| Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL. | |
| Storage: Store at -20°C | |

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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