

Mouse Anti Human Ig Kappa Light Chain Monoclonal Antibody

Cat. No. Kappa LC-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Anti Human Ig Kappa Light Chain Monoclonal Antibody
Species	Human
Source	Mouse
Conjugation/Label	Unconjugated
Description	The immunoglobulin light chain is the smaller subunit of an antibody and in humans can be expressed in two types: as a kappa (kappa) or a lambda (lambda) chain. Antibodies are produced by B-Cells that are clonal and each expresses only one type of light chain. The light chain class remains fixed for the life of the B lymphocyte. The ratio of kappa and lambda light chains can be used to determine disease status by immunohistochemistry or ELISA based assays.
Species Reactivity	Human
Specificity	Detects Human Ig Kappa Light Chain in direct ELISAs and Western blots.
Clone	999916
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human Ig Kappa Light Chain

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Application	Western Blot: 2 µg/mL Simple Western: 20 µg/mL ELISA: This antibody functions as an ELISA detection antibody when paired with Mouse Anti-Human Ig Kappa Light Chain Monoclonal Antibody. This product is intended for assay development on various assay platforms requiring antibody pairs.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 6 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	Lyophilized product is shipped at ambient temperature.
GENE INFORMATION	
Synonyms	Immunoglobulin Kappa Light Chain; ig kappa chain c region; Immunoglobulin K; Kappa LC; Ig Kappa Light Chain

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