# Mouse Anti-Rat kappa FITC Monoclonal Antibody

Mouse, Monoclonal (kappa)
*Cat. No. DMAB4615*
*Lot. No. (See product label)*

## PRODUCT INFORMATION

***Product Overview:*** Mab to kappa
Mouse Monoclonal Antibody to rat kappa, κ light chains
***Clone:*** L5F6
***Ig Isotype:*** Mouse $IgG_1κ$ class-switch variant
***Format:*** Fluorescein (FITC) Conjugate
***Quality:*** 0.5 mg
***Specificity:*** Reacts with rat kappa light chains
***Applications:*** Enzyme-Linked-Immunosorbent-Assay (ELISA); Identification and enumeration of rat kappa light chain+ cells by flow cytometry
***Characterization:*** To ensure lot-to-lot consistency, each batch of monoclonal antibody is tested as a second step reagent by flow cytometry and/or ELISA to conform to characteristics of a standard reference reagent.
***Working Dilutions:***
Flow Cytometry: ⩽ 0.3 µg/$10^6$ cells
Other Applications: Since applications vary, each investigator should determine the optimum working dilutions of the product that is appropriate for their specific needs.
***Handling And Storage:*** The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN3. Store at 2-8°C. Protect conjugated forms from light. Each reagent is stable for the period shown on the bottle label if stored as directed.
***Warning:*** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

## BACKGROUND

***Introduction:*** Kappa (uppercase K, lowercase κ or ϰ; Greek: Κάππα) is the 10th letter of the Greek alphabet, used to represent the voiceless velar stop, or "k", sound in Ancient and Modern Greek. In the system of Greek numerals it has a value of 20. It was derived from the Phoenician letter Kaph. Letters that arose from kappa include the Roman K and Cyrillic К.
***Keywords:*** Ig kappa chain C region; HCAK 1; HCAK1; IGKC; Immunoglobulin kappa constant; Immunoglobulin kappa constant region; Immunoglobulin kappa light chain; Kappa 1 immunoglobulin light chain; kappa light chain; Km; MGC111575; MGC62011; MGC72072; MGC88770; MGC88771; MGC88809; kappa; kappaκ; kappa light chains; kappaκlight chains



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