



Anti-MOUSE (kappa chain) (RABBIT) Antibody Biotin Conjugated - 610-4610

Code: 610-4610

Size: 1 mg

Product Description: Anti-MOUSE (kappa chain) (RABBIT) Antibody Biotin Conjugated - 610-4610

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Lyophilized

Label	Biotin
Host	Rabbit
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	Rabbit Anti-Mouse (kappa chain) Antibody Biotin Conjugated, Rabbit Anti Mouse kappa Antibody Biotin Conjugated
Application Note	This product is designed for dot blot or western blotting, ELISA, or other detection assays.
Background	Anti-Mouse (kappa chain) (RABBIT) Antibody generated in rabbit detects specifically Mouse kappa light chain. Immunoglobulins are heterotetramers composed of 2 immunoglobulin heavy and 2 immunoglobulin light chains. The immunoglobulin light chain is the small polypeptide subunit of an antibody (immunoglobulin). The light chains can be categorized into kappa type or lambda type and both are used to construct the antigen binding F(ab) region of an antibody along with the variable region of the heavy chain. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. Anti-Mouse IgG kappa is conjugated to biotin.
Purity And Specificity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin and anti-Rabbit Serum. Specificity was confirmed by ELISA at less than 1% against other Mouse heavy or light chain proteins.
Assay Dilutions	User Optimized
ELISA	1:600,000
Western Blot	1:10,000 - 1:50,000
Immunohistochemistry	1:2,000 - 1:10,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Mouse kappa light chain

Related Products

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

Disclaimer

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