

Anti-HUMAN ? (kappa chain) (GOAT) Antibody - 609-1110

Code: 609-1110

Size: 1 mg

Product Description: Anti-HUMAN ? (kappa chain) (GOAT) Antibody - 609-1110

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

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Goat
Buffer	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Synonyms	kappa light chain, kappa chain antibody
Application Note	Human ? (kappa chain) Antibody is suitable for immunoassays where specificity to the immunoglobulin kappa subunit is desired. Antibody has been tested by ELISA, western blot immunoblot, and immunohistochemistry. Optimal concentrations in immunoassays should be determined by the researcher.
Background	The anti-Human ? (kappa chain) Antibody detects the kappa chain subunit. 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). In humans 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.
Purity And Specificity	Human ? (kappa chain) Antibody 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-Goat Serum. Specificity for kappa chain was confirmed by ELISA minimal cross reactivity against other human heavy or lambda light chain isotypes.
Assay Dilutions	User Optimized
ELISA	1:10,000 - 1:20,000
Immunohistochemistry	1:500 - 1:2,000
WESTERN BLOT	1:1,000 - 1:10,000
IHC	1:500 - 1:2,000
OTHER ASSAYS	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Human kappa light chain
General Reference	Janeway CA, Jr. et al. (2001). Immunobiology. (5th ed.). Garland Publishing.

Related Products

105-4102	Anti-GOAT IgG (H&L) (RABBIT) Antibody - 105-4102
109-1103	Anti-HUMAN IgG F(c) (GOAT) Antibody - 109-1103
205-3202	Anti-GOAT IgG (H&L) (MOUSE) Antibody Fluorescein Conjugated - 205-3202
B304	NORMAL GOAT SERUM (NGS) - B304

Related Links

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