



**GOAT ANTI-HUMAN Ig kappa CHAIN SPECIFIC
SPECIES ADSORBED (MOUSE Ig)
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AP502	QUANTITY:	1.0 mg
LOT NUMBER:		CONCENTRATION:	1 mg/mL
EPITOPE:	Ig kappa chain	HOST/ISOTYPE:	Goat
BACKGROUND:	Antibody molecules typically comprise two immunoglobulin light chains covalently bound to a pair of heavy chains. Immunoglobulin light chains occur in two types, designated by the Greek letters kappa and lambda. Kappa and lambda light chains are approximately 250 amino acids in length with an average mass of about 25 kDa. The ratio of kappa to lambda found in the immunoglobulin population varies by species.		
SPECIFICITY:	The antibody reacts with human kappa light chains as demonstrated by ELISA and flow cytometry.		
APPLICATIONS:	<u>Immunofluorescence:</u> $\leq 1 \mu\text{g}/10^6$ cells. <u>ELISA</u> <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Reacts with human kappa light chains. Absorbed for human myeloma proteins with λ light chains and mouse immunoglobulins. Reactivity with other species has not been determined.		
IMMUNOGEN:	Prepared from Ig kappa chain. Pooled antisera from goats hyperimmunized with human myeloma proteins with κ light chains.		
PRESENTATION:	Purified by affinity chromatography on pooled human Igs with κ light chains covalently linked to agarose. Liquid in 1.0 mL of 100 mM borate buffered saline, pH 8.2.		
STORAGE/HANDLING:	Maintain refrigerated at 2°-8°C under sterile conditions for up to twelve months from date of receipt.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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