



GOAT ANTI-MOUSE LIGHT CHAIN SPECIFIC Cy3 CONJUGATED POLYCLONAL ANTIBODY

CATALOG NUMBER:	AP200C	QUANTITY:	0.5 mg
LOT NUMBER:	xxx		
EPITOPE:	Kappa light chain	HOST/ISOTYPE:	Goat IgG
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 gamma 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 strongly with native primary antibodies primarily with kappa light chains. It is not suitable for detecting lambda light chains. The antibody does not react with the heavy chain of mouse IgG. The antibody has been tested by ELISA and adsorbed to ensure minimal cross-reaction with bovine, goat, horse, human, rabbit, rat, and sheep immunoglobulins.		
APPLICATIONS:	<u>Western Blotting</u> : 1:100 -1:800 of the 1 mg/mL stock <u>ELISA</u> : 1:100 -1:800 of the 1 mg/mL stock <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Reacts with mouse IgG light chains primarily with kappa light chains. Minimal cross-reaction with bovine, goat, horse, human, rabbit, rat, and sheep. Reactivity with other species has not been determined.		
IMMUNOGEN:	Prepared from purified mouse IgG light chain.		
PRESENTATION:	Lyophilized powder from a solution with 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 0.05% Sodium Azide. 15 mg/mL BSA as stabilizer. Purified by immunoaffinity chromatography.		
STORAGE/HANDLING:	Maintain lyophilized product at 2°-8°C for up to 12 months. After reconstitution the product is stable for six weeks at 2°-8°C in the dark as an undiluted liquid. Reconstitute entire contents of vial with 0.5 mL distilled water to yield a final concentration of 1 mg/mL. For extended storage after reconstitution, add an equal volume of glycerol to make a final concentration of 50% glycerol followed by storage at -20°C in undiluted aliquots for up to 12 months. Please note the concentration of protein (and buffer salts) will decrease to one-half of the original after the addition of glycerol. Avoid repeated freeze thaw cycles. Keep away from light.		



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 μ L 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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