



MOUSE ANTI-RABBIT LIGHT CHAIN SPECIFIC HRP CONJUGATED MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB201P	QUANTITY:	0.5 mL
LOT NUMBER:	xxx		
EPITOPE:	Kappa light chain	HOST/ISOTYPE:	Mouse IgG1 kappa
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 rabbit IgG. The antibody has been tested by ELISA and adsorbed to ensure minimal cross-reaction with bovine, goat, Armenian hamster, horse, human, mouse, rat, and sheep immunoglobulins.		
APPLICATIONS:	<u>Western Blotting:</u> 1:5,000 -1:100,000 with chromogenic substrates 1:10,000 -1:200,000 with ECL substrates <u>ELISA:</u> 1:5,000 -1:100,000 <u>Immunohistochemistry:</u> 1:500 – 1:5,000 <u>Immunocytochemistry:</u> 1:500 – 1:5,000 <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Reacts with rabbit IgG light chains primarily with kappa light chains. Minimal cross-reaction with bovine, goat, Armenian hamster, horse, human, mouse, rat, and sheep. Reactivity with other species has not been determined.		
IMMUNOGEN:	Prepared from rabbit IgG light chain.		
PRESENTATION:	Purified from antiserum by chromatographic procedures. Lyophilized in 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6. 15 mg/mL BSA as stabilizer.		
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 vial with distilled water (addition of 0.5 ml water will 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.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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