



GOAT ANTI-RAT LIGHT CHAIN SPECIFIC HRP CONJUGATED POLYCLONAL ANTIBODY

CATALOG NUMBER:	AP202P	QUANTITY:	0.5 mL
LOT NUMBER:			
EPITOPE:	Kappa light chain	HOST/ISOTYPE:	Goat IgG
BACKGROUND:	Light chains covalently bound to a pair of heavy chains to form an antibody molecule. Immunoglobulin light chains occur in two types, kappa or lambda. Light chain's mass is about 25,000 Daltons per mole. Each light chain consists of about 250 amino-acids long. These are usually designated by the Greek letters kappa and lambda. 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 rat IgG. The antibody has been tested by ELISA and adsorbed to ensure minimal cross-reaction with bovine, goat, horse, mouse, human, rabbit, 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 rat IgG light chains primarily with kappa light chains. Minimal cross-reaction with bovine, goat, horse, mouse, human, rabbit, and sheep. Reactivity with other species has not been determined.		
IMMUNOGEN:	Prepared from purified rat IgG light chain.		
PRESENTATION:	Purified by immunoaffinity chromatography. 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. Reconstitute with 0.5 ml distilled water (to yield a final concentration of 1 mg/mL). After reconstitution the product is stable for six weeks at 2°-8°C in the dark as an undiluted liquid.. 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 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.*

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

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

©2002 - 2011: Millipore Corporation. All rights reserved. No part of these works may be reproduced in any form without permission in writing.