



**DONKEY ANTI RAT IgG
HORSERADISH PEROXIDASE (HRP) CONJUGATED
AFFINITY PURIFIED**

CATALOG NUMBER:	AP189P	QUANTITY:	500 µL
LOT NUMBER:			
DESCRIPTION:	Whole molecule, absorbed for dual labeling or F(ab') ₂ fragment affinity purified antibody, HRP Conjugated.		
PURIFICATION:	The antibody is isolated from antisera by immunoaffinity chromatography using antigen coupled to agarose beads.		
APPLICATIONS:	Western blotting with chromogenic substrates: 1:5,000-1:100,000. Western blotting with ECL substrates: 1:10,000-1:200,000. Immunohisto/cytochemistry: 1:500-1:5,000. ELISA with chromogenic substrates: 1:5,000-1:100,000. Optimal working dilutions must be determined by end user.		
FORMAT:	Lyophilized. Buffer = 0.01 M Sodium Phosphate, 0.25 M NaCl, pH 7.6 with 15 mg/mL BSA. Contains no preservative.		
RECONSTITUTION:	Reconstitute with sterile distilled water to match the volume indicated on the vial label. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature.		
STORAGE/HANDLING:	Maintain lyophilized product at 2-8°C for up to 12 months after date of receipt. After reconstitution, the product is stable for several weeks at 2-8°C as an undiluted liquid. After dilution do not use for more than one day. For extended storage after reconstitution, add an equal volume of glycerol to make a final concentration of 50% glycerol (ACS grade or better) 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. Alternatively, the produce may be aliquoted and frozen at -70°C or below, in the absence of glycerol. Avoid repeated freeze/thaw cycles.		
WARNING:	Use of sodium azide as a preservative will substantially inhibit the enzyme activity of HRP.		

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.

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