

**HORSERADISH PEROXIDASE (HRP) CONJUGATED
AFFINITY PURIFIED
SECONDARY ANTIBODY**

- DESCRIPTION:** Whole molecule, absorbed for dual labeling or F(ab')₂ fragment affinity purified antibody, HRP conjugated.
- QUANTITY:** Stated on vial label.
- PURIFICATION:** The antibody is isolated from antisera by immunoaffinity chromatography using antigen coupled to agarose beads.
- APPLICATIONS:** EIA and Western blots: 1:5,000-1:100,000.
Immunohistochemistry: 1:500-1:5,000.
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 and 0.01% thimerosal.
- 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:** Maintain lyophilized product at 2-8°C for up to 12 months. 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 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.
- WARNING:** Use of sodium azide as a preservative will substantially inhibit the enzyme activity of HRP.
For research use only; not for use as a diagnostic.