Mouse Anti-rabbit IgG (Conformation Specific) (L27A9) mAb (HRP Conjugate)

**Background:** Mouse Anti-rabbit IgG (Conformation Specific) (L27A9) mAb (HRP Conjugate) only reacts with native IgG and does not bind to the denatured and reduced rabbit IgG heavy chain or light chain. When performing immunoprecipitation (IP) followed by western blotting, the denatured rabbit IgG light and heavy chains of the primary antibody used for IP run at approximately 25 and 50 kDa, respectively, on the subsequent western blot and can often obscure bands of proteins that have similar molecular weights. Using Mouse Anti-rabbit IgG (Conformation Specific) (L27A9) mAb (HRP Conjugate) as a secondary antibody will eliminate this problem.

**Storage:** Supplied in 136 mM NaCl, 2.6 mM KCl, 12 mM sodium phosphate (pH 7.4) dibasic, 2 mg/ml BSA and 50% glycerol. Store at -20°C. Do not aliquot the antibody.

**Recommended Antibody Dilutions:**
- Western blotting 1:2000

For application specific protocols please see the web page for this product at www.cellsignal.com. Please visit www.cellsignal.com for a complete listing of recommended companion products.

**Specificity/Sensitivity:** Mouse Anti-rabbit IgG (Conformation Specific) (L27A9) mAb (HRP Conjugate) recognizes the native rabbit IgG. It does not recognize the denatured and reduced rabbit IgG heavy (about 50 kDa) or light (about 25 kDa) chains on western blot.

**Source/Purification:** Monoclonal antibody is produced by immunizing animals with native total rabbit IgG.

**Species Cross-Reactivity Key:**
- H — human
- M — mouse
- R — rat
- Hm — hamster
- Mk — monkey
- Mi — mink
- C — chicken
- Dm — D. melanogaster
- X — Xenopus
- Z — zebrafish
- B — bovine
- Dg — dog
- Pg — pig
- Sc — S. cerevisiae
- Ce — C. elegans
- Hr — horse
- All — all species expected

**Applications Key:**
- W — Western
- IP — Immunoprecipitation
- IH — Immunohistochemistry
- CIP — Chromatin Immunoprecipitation
- IF — Immunofluorescence
- F — Flow cytometry
- E-P — ELISA-Peptide

**IMPORTANT:** For western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween-20 at room temperature with gently shaking for 1 hour.

**For Research Use Only. Not For Use In Diagnostic Procedures.**

For further details, see the product web page at www.cellsignal.com.