

Anti-biotin, HRP-linked Antibody

✓ 1 ml



Cell Signaling
TECHNOLOGY®

Orders ■ 877-616-CELL (2355)
orders@cellsignal.com

Support ■ 877-678-TECH (8324)
info@cellsignal.com

Web ■ www.cellsignal.com

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This product is for *in vitro* research use only and is not intended for use in humans or animals.

Background: Chemiluminescent detection systems have emerged as the best all-around method for detection of Western blots. They eliminate the hazards associated with radioactive materials and toxic chromogenic substrates. The speed and sensitivity of these methods are unequalled by traditional alternatives. Because results are generated on film, it is possible to record and store data permanently, and blots detected with chemiluminescent methods are easily stripped for subsequent reprobing with additional antibodies. Horseradish peroxidase (HRP) conjugated secondary antibodies are utilized in conjunction with specific chemiluminescent substrates to generate the light signal. Horseradish peroxidase-antibody conjugates have a very high turnover rate, giving good sensitivity with short reaction times.

Description: Affinity purified goat anti-biotin antibody is conjugated to horseradish peroxidase.

Applications: This product has been optimized to detect biotinylated protein markers (see Biotinylated Protein Ladder Detection Pack #7727).

Note: To detect other biotinylated proteins via western blotting, please use at a dilution of 1:100 overnight in 5% BSA/TBS/T.

Storage: Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 0.1 mg/ml bovine serum albumin (BSA) and 50% glycerol. Store at -20°C.

Recommended Antibody Dilution:
1:1000–1:3000

Companion Products:
Biotinylated Protein Ladder Detection Pack #7727