

Anti-mouse IgG, HRP-linked Antibody

✓ 1 ml

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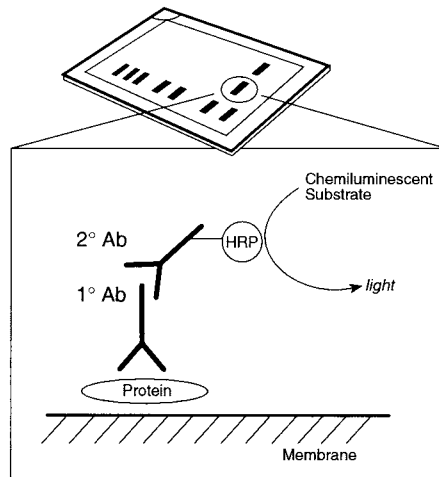
This product is for *in vitro* research use only and is not intended for use in humans or animals.

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 horse anti-mouse IgG (H&L) antibody is conjugated to horseradish peroxidase.

Applications:

This product has been optimized for use as a secondary antibody in chemiluminescent Western blotting applications.



After the primary antibody is bound to the target protein, a complex with HRP-linked secondary antibody is formed. The LumiGLO® is added and emits light during enzyme catalyzed decomposition

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:

Phototope®-HRP Western Blot Detection System, Anti-mouse IgG, HRP-linked Antibody #7072

Anti-rabbit IgG, HRP-linked Antibody #7074

Prestained Protein Marker, Broad Range (Premixed Format) #7720

Biotinylated Protein Ladder #7727

20X LumiGLO® Reagent and 20X Peroxide #7003