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HRP Western Blot Anti-Mouse IgG Antibody

Goat Polyclonal, Peroxidase (Horseradish)
Catalog # ASR1037

Product Information

Description	HRP Western Blot Anti-Mouse IgG Antibody
Host	Goat
Conjugate	Peroxidase (Horseradish)
Clonality	Polyclonal
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Additional Information

Shipping Condition	Wet Ice
Application Note	Western Blot Analysis
Storage Condition	See kit insert for complete instructions.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Background

HRP is used in applications primarily for its ability to amplify a weak signal and increase detectability of a target molecule. HRP-conjugated secondary antibodies are utilized in conjunction with specific chemiluminescent substrates to generate the light signal and HRP conjugates have a very high turnover rate, yielding good sensitivity with short reaction times. Chemiluminescence is the best all-around method for western blot detection as these systems eliminate the hazards associated with radioactive materials and toxic chromogenic substrates. These methods are also unmatched in the speed and sensitivity compared to traditional alternatives, utilizing film to record and store data permanently. Blots detected with chemiluminescent methods are easily stripped for subsequent reprobing with additional antibodies. This item is a component of kit (KCA002). The Kit contains all the reagents necessary to perform chemiluminescent Western Blots to detect mouse primary antibodies.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.