

Goat Anti-Mouse IgG (H&L) HRP (Horseradish Peroxidase)

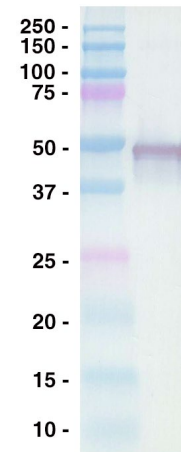
Secondary Antibody

Product Information

Product No.: M114

RRID: AB_2894056

Storage: Sterile 2° to 8°C



Product Description

Specificity:

Goat Anti-Mouse IgG (H&L) recognizes Mouse IgG heavy and light chains. This secondary antibody was purified using antigen affinity chromatography and adsorbed against serum proteins and immunoglobulins to minimize species cross-reactivity.

Known Reactivity Species:

Mouse

Format:

Horseradish Peroxidase (HRPO)

Immunogen:

Purified Mouse IgG (H&L)

Formulation

This HRP-conjugated antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4, 1% BSA. **(Warning: Use of sodium azide as a preservative will inhibit the enzyme activity of horseradish peroxidase)**

Storage and Stability

This secondary antibody should be stored at 2 to 8°C. For long term storage, add 50% volume for volume glycerol and store at -20°C.

Product Preparation

Goat Anti-Mouse IgG (H&L) (Adsorbed Against: Human, Bovine), HRP conjugate is a high-performance secondary antibody optimized for immunodetection applications such as western blotting, ELISA, and immunohistochemistry. Designed for sensitive and specific detection of mouse IgG heavy and light chains, this antibody is produced in goat and further purified using antigen affinity chromatography. Comprehensive adsorption against human and bovine proteins significantly reduces cross-reactivity, making it ideal for use in complex samples or multiplex assays where background signal from non-target species must be minimized. Featuring horseradish peroxidase (HRP) enzyme conjugation, this antibody enables robust signal generation in chemiluminescent and colorimetric detection systems. The product is supplied in phosphate buffered saline with BSA and is stabilized for shelf-life and performance. This antibody is validated for high dilution ranges, ensuring flexibility for various experimental workflows and cost-effective use in high-throughput assays. Trusted by researchers for reliable results, it is supported by publication citations and technical validation data, making it a choice reagent for mouse IgG detection in biomedical and life science research workflows.

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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Country of Origin

USA

References

1. Pang, JS *et al.* (2017) *J Mol Med (Berl)*. **95**(3):323-333. [PubMed](#)