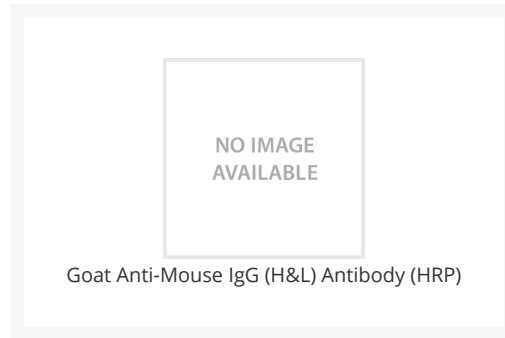




# Goat Anti-Mouse IgG (H&L) Antibody (HRP)

Cat. No.: XR-9720



## Ψ Specifications

<b>HOST SPECIES:</b>	Goat
<b>SPECIES REACTIVITY:</b>	Mouse
<b>IMMUNOGEN:</b>	Mouse IgG - whole molecule
<b>TARGET SPECIES:</b>	Reacts with the heavy chain of mouse IgG.
<b>TESTED APPLICATIONS:</b>	ELISA, IHC, WB
<b>APPLICATIONS:</b>	Peroxidase Conjugated Affinity Purified anti-Mouse IgG is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. Recommended dilutions are as follows, ELISA 1:50,000 - 1:200,000, Western Blot 1:4,000 - 1:20,000, Immunohistochemistry 1:1,000 - 1:8,000. (Optimal dilution should be determined by user).
<b>SPECIFICITY:</b>	Minimum Cross reactivity to Human Serum Proteins

## Ψ Properties

<b>PURIFICATION:</b>	Peroxidase Conjugated Affinity Purified anti-Mouse IgG was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against Human Serum Proteins.
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<b>ISOTYPE:</b>	IgG
<b>CONJUGATE:</b>	HRP
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2; 10 mg/mL Bovine Serum Albumin (BSA); 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>STORAGE CONDITIONS:</b>	Peroxidase Conjugated Affinity Purified anti-Mouse IgG can be stored vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -20 °C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use.

## Background and References

<b>REFERENCES:</b>	1) Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981.
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