

## Polyclonal Antibody to Mouse IgG [H+L] - HRP

<b>Catalog No.:</b>	R1253HRP
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280nm)
<b>Host / Isotype:</b>	Rabbit
<b>Immunogen:</b>	Mouse IgG whole molecule.
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction. <b>Purification:</b> Immunoaffinity Chromatography. <b>Buffer System:</b> 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2, containing 0.01% (w/v) Gentamicin Sulfate as preservative and 10 mg/ml BSA (IgG and Protease free) as stabilizer. <b>Label:</b> Horseradish Peroxidase (HRP) <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	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. <u>Recommended Dilutions</u> ELISA: 1/10,000-1/100,000. Western blot: 1/1,000-1/5,000. Immunohistochemistry: 1/500-1/2,500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Mouse IgG and Mouse Serum.
<b>Storage:</b>	Store vial at 2-8°C prior to restoration. Centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. For extended storage mix product with glycerol to 50% and then aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use. Shelf life: one year from despatch.
<b>Caution:</b>	Do <b>Not Add</b> Sodium Azide.
<b>General References:</b>	1. Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981. (Conjugation)

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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