

Product datasheet for **R1318HRP**

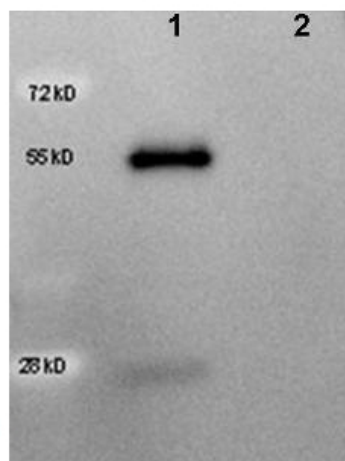
Goat IgG (H+L chain), adsorbed Rabbit Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Goat IgG (H+L chain), adsorbed Rabbit Polyclonal Antibody
Recommended Dilution:	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: 1/10,000-1/50,000. Western blot: 1/1,000-1/5,000. Immunohistochemistry: 1/500-1/2,500.
Reactivity:	Goat
Host:	Rabbit
Immunogen:	Goat IgG whole molecule
Formulation:	0.02 MPotassium Phosphate, 0.15M Sodium Chloride, pH 7.2, with 0.01% (w/v) Gentamicin Sulfate as preservative and 10 mg/ml BSA (IgG and Protease free) as stabilizer. Label: HRP State: Lyophilized purified Ig fraction Label: Horseradish Peroxidase
Reconstitution Method:	Restore with 1.0 ml deionized water or equivalent.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities
Conjugation:	HRP
Storage:	Store vial at 2-8°C prior to restoration. Restore with deionized water (or equivalent); 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 aliquot contents and freeze at -20°C or below. Avoid repeated freezing and thawing. Dilute only prior to immediate use.



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Product images:

Western Blot of HRP conjugated anti-Goat IgG antibody R1318HRP showing detection of 50ng of Goat IgG (Lane 1) but not Human IgG (Lane 2). Samples were separated by 4-20% SDS-PAGE under reducing conditions and transferred to nitrocellulose membrane. The blot was blocked overnight at 4°C in 5% BSA in TBS. A 1/5,000 dilution of antibody in Blocking Buffer for Fluorescent Western Blotting was used to probe the membrane at RT for 1 h. The image was developed using Chemiluminescent FemtoMax™ Super Sensitive HRP Substrate (p/n Femtomax-020) for one minute.