

Product datasheet for **R1454HRP**

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

Product data:

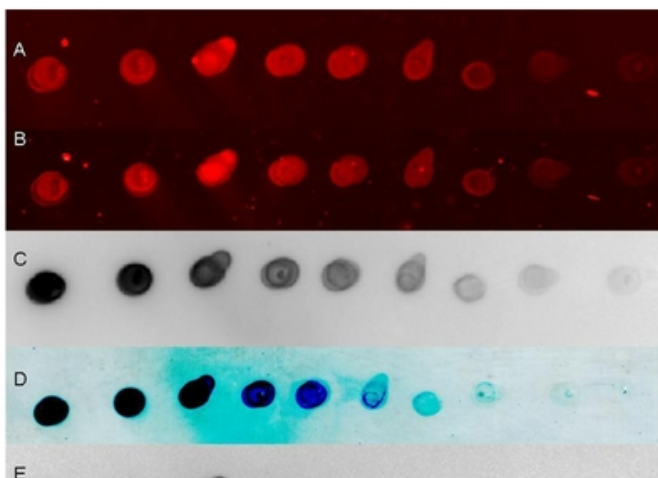
Product Type:	Secondary Antibodies
Product Name:	Rabbit IgG (H+L chain, adsorbed) Goat Polyclonal Antibody
Applications:	ELISA, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or dot blot), ELISA, Immunoperoxidase Electron Microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. <i>Recommended Dilutions:</i> ELISA: 1/20,000-1/100,000. Western Blot: 1/2,000-1/10,000. Immunohistochemistry: 1/1,000-1/5,000. <i>Note:</i> This product has been assayed against 1.0 µg of Rabbit IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/10,000 to 1/40,000 of the reconstitution concentration is suggested for this product.
Reactivity:	Rabbit
Host:	Goat
Immunogen:	Rabbit IgG whole molecule.
Formulation:	0.02M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Label: HRP State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (IgG and Protease free) Preservative: 0.01% (w/v) Gentamicin Sulfate Label: Horseradish Peroxidase Conjugation Chemistry: Periodate
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	This product was prepared from monospecific antiserum by Immunoaffinity Chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Conjugation:	HRP



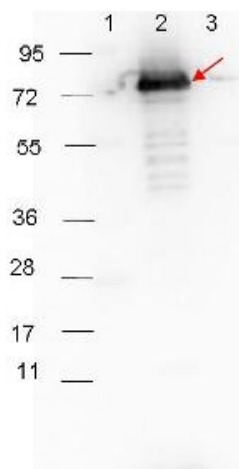
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Storage:

Store lyophilized at 2-8°C for 6 months or at -20°C long term.
 After reconstitution store the antibody undiluted at 2-8°C for one month
 or (in aliquots) at -20°C long term.
 Avoid repeated freezing and thawing.

Product images:


Shown here is a serial 1/1 dilution of Control Rabbit IgG protein (Cat.-No RA032, 250ng starting total load) co incubated with HRP conjugated Goat anti Rabbit IgG Cat.-No R1454HRP and Dylight 649 conjugated Goat anti Rabbit IgG 1/20K in MB-070. Blot was dried and imaged (A) on Biorad Versa Doc (30 sec, DyLight649), (B) LiCor Odyssey Reader (700 nm), (C) Rewetted incubated with Fentomax 110 reimaged using BioVersaDoc (for 60 sec), (D) Incubated with TMB substrate TMBM for 5 minutes and scanned, and (E) Rewetted for Chemiluminescence and imaged for 90 sec on the BioRad VersaDoc Imager.



Western Blot showing detection of 0.1 µg of recombinant p27 protein. Lane 1: Molecular weight markers. Lane 2: MBPp27 fusion protein (arrow; expected MW: 73.3 kDa). Lane 3: MBP alone. Protein was run on a 4-20% gel, then transferred to 0.45 µm nitrocellulose. After blocking with 1% BSA-TTBS (MB-013, diluted to 1X) overnight at 4°C, primary antibody was used at 1/1000 at RT for 30 min. HRP-conjugated Goat-Anti-Rabbit R1454HRP secondary antibody was used at 1/40,000 in MB-070 blocking buffer and imaged on the VersaDoc™ MP 4000 imaging system (Bio-Rad).