

Product datasheet for **R1414HRP**

Rat IgG (F(ab)2 Fragment) Fc specific Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Rat IgG (F(ab)2 Fragment) Fc specific Goat Polyclonal Antibody
Recommended Dilution:	Suitable for Immunoblotting (Western, or dot blot, 1:20,000-1:200,000), ELISA (1:20,000-1:200,000), Immunoperoxidase electron microscopy and Immunohistochemistry (1:500-1:5,000) as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. <u>Recommended Dilution(s):</u> This product has been assayed against 1.0 ug of Rat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature.
Reactivity:	Rat
Host:	Goat
Immunogen:	Rat IgG F(c) whole molecule.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer and 0.01% (w/v) Gentamicin Sulfate as preservative. Label: HRP State: Lyophilized F(ab')2 fragments. Label: Horseradish Peroxidase
Reconstitution Method:	Restore with 0.5 ml of deionized water (or equivalent)
Concentration:	lot specific
Purification:	Immunoaffinity chromatography.
Conjugation:	HRP
Storage:	Store vial at 2-8°C prior to restoration. Restore with 0.5 ml of deionized water (or equivalent). For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. 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. Dilute only prior to immediate use. Avoid repeated freezing and thawing.



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