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## Product Datasheet

### Rabbit F(ab)2 Anti-Mouse IgG (H&L) Antibody Peroxidase Conjugated (Min X Human Serum Proteins) - 710-4320, HRP, Polyclonal DNA-SEC-183810

Article Name	Rabbit F(ab)2 Anti-Mouse IgG (H&L) Antibody Peroxidase Conjugated (Min X Human Serum Proteins) - 710-4320, HRP, Polyclonal
Biozol Catalog Number	DNA-SEC-183810
Supplier Catalog Number	DNA-SEC-183810
Alternative Catalog Number	DNA-SEC-183810
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	ELISA
Species Reactivity	Mouse
Immunogen	Mouse IgG whole molecule
Conjugation	HRP
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Human
Product Description	F(ab)2 Anti-Mouse IgG (H&L) Peroxidase Antibody generated in rabbit was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibodies fo...

Clonality	Polyclonal
Concentration	0.5 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	F(ab)2 Anti-Mouse IgG (H&L) was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Rabbit IgG F(c) or Human Serum Proteins.
Form	Lyophilized
Formula	20 mM K3PO4, 150 mM NaCl, pH 7.2, lyophilisate, 0.01% Gentamicin
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:10,000 - 1:50,000, Immunohistochemistry Dilution: 1:500 - 1:2,500, Western Blot Dilution: 1:1,000 - 1:10,000
Application Notes	F(ab)2 Anti-Mouse IgG Peroxidase Conjugated Antibody has been tested by ELISA and is assayed against 1.0 ug of Mouse IgG in a standard capture ELISA using ABTS (2,2-azino-bis-[3-ethylbenzthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:20,000 of the reconstitution concentration is suggested for this product. Specific conditions for reactivity should be optimized by the end user.