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Product Datasheet

Rabbit F(ab)2 anti-Goat IgG (H+L)-Biotin, MinX Hu DNA-SEC-183688

Article Name	Rabbit F(ab)2 anti-Goat IgG (H+L)-Biotin, MinX Hu
Biozol Catalog Number	DNA-SEC-183688
Supplier Catalog Number	SEC-183688
Alternative Catalog Number	DNA-SEC-183688
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Goat
Immunogen	Goat IgG whole molecule
Conjugation	Biotin
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Human
Product Description	F(ab)2 Anti-Goat IgG Biotin Antibody 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 for use in certain immunochemical...
Clonality	Polyclonal

Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum, Goat IgG and Goat Serum. No reaction was observed against Human Serum Proteins.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7.2,lyophilisate,0.05% NaN3
Target	Goat
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:20,000 - 1:100,000, Fluorochrome Protein Value: ~7-8, Immunohistochemistry Dilution: 1:1,000 - 1:5,000, Western Blot Dilution: 1:2,000 - 1:10,000
Application Notes	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. This product has been assayed against 1.0 ug of Goat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:40,000 to 1:200,000 is suggested for this product. The following general recommendations are suggested as starting dilutions for: immunoblotting - 1:10,000, enzyme immunohistochemistry on tissue sections - 1:500 to 1:5,000, for flow cytometry and fluorescence immunohisto/cytochemistry - 1:200 to 1:1,000. Researchers should determine optimal titers for other applications.