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Product Datasheet

Goat F(ab)2 anti-Human IgG (H+L)-Biotin, MinX Bo, Ho, Ms, Rt DNA-SEC-183755

Article Name	Goat F(ab)2 anti-Human IgG (H+L)-Biotin, MinX Bo, Ho, Ms, Rt
Biozol Catalog Number	DNA-SEC-183755
Supplier Catalog Number	SEC-183755
Alternative Catalog Number	DNA-SEC-183755
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Immunogen	Human IgG whole molecule
Conjugation	Biotin
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Bovine, Equine, Mouse, Rat
Product Description	F(ab)2 Anti-Human IgG (H&L) Biotin Antibody generated in goat detects immunoglobulin g from human, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. Representing approximately 75% of serum immun...
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 Human 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-Biotin, anti-Goat Serum, Human IgG and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine, Horse, Mouse, and Rat Serum Proteins.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Human
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:10,000 - 1:500,000, Immunohistochemistry Dilution: 1:500 - 1:2,500, Western Blot Dilution: 1:1,000 - 1:5,000
Application Notes	F(ab')2 Anti-Human IgG (H&L) Biotin Antibody is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. This product has been assayed against 1.0 ug of Human IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenzthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:12,000 to 1:50,000 of the reconstitution concentration is suggested for this product.