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Product Datasheet

Goat F(ab)2 Anti-Human IgG (H&L) Antibody Phycoerythrin Conjugated (Min X Bv Hs Ms & Rt Serum Proteins) - 709-1816, RPE, Polyclonal DNA-SEC-183759

Article Name	Goat F(ab)2 Anti-Human IgG (H&L) Antibody Phycoerythrin Conjugated (Min X Bv Hs Ms & Rt Serum Proteins) - 709-1816, RPE, Polyclonal
Biozol Catalog Number	DNA-SEC-183759
Supplier Catalog Number	DNA-SEC-183759
Alternative Catalog Number	DNA-SEC-183759
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	DOT
Species Reactivity	Human
Immunogen	Anti-Human IgG (H&L) was produced by repeated immunization with human IgG whole molecule in goat.
Conjugation	RPE
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) Phycoerythrin 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 seru...
Clonality	Polyclonal
Concentration	0.7 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-Phycoerythrin, 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,0.05% NaN3
Target	Human
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250
Application Notes	Human F(ab)2 IgG (H&L) phycoerythrin conjugated antibody has been tested by dot blot and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.