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## Product Datasheet

### Goat F(ab)2 anti-Human IgG (F(ab)2)-RPE, MinX Bo, Ho, Ms, Rt, Polyclonal DNA-SEC-183761

Article Name	Goat F(ab)2 anti-Human IgG (F(ab)2)-RPE, MinX Bo, Ho, Ms, Rt, Polyclonal
Biozol Catalog Number	DNA-SEC-183761
Supplier Catalog Number	SEC-183761
Alternative Catalog Number	DNA-SEC-183761
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	FACS, IF
Species Reactivity	Human
Immunogen	Anti-Human IgG (H&L) was produced by repeated immunization with human IgG F(ab)2 fragment in goat.
Conjugation	RPE
Format	F(ab')2
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	Bovine, Equine, Mouse, Rat
Product Description	F(ab)2 Anti-Human IgG F(ab)2 Phycoerythrin Antibody generated in goat detects F(ab)2 from human. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are ...

Clonality	Polyclonal
Concentration	0.5 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, Human IgG F(ab') <sub>2</sub> and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG F(c) or Bovine, Horse, Mouse and Rat Serum Proteins.
Form	Lyophilized
Formula	20 mM K <sub>3</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2, lyophilisate, 0.01% NaN <sub>3</sub>
Target	Human
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250
Application Notes	F(ab') <sub>2</sub> Anti-Human IgG F(ab') <sub>2</sub> Phycoerythrin Antibody is ideal for investigators who routinely perform titration assays, and microscopy. Antibody anti-Human F(ab') <sub>2</sub> phycoerythrin conjugated 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 10 <sup>6</sup> 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.