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## Product Datasheet

### Rabbit F(ab)2 Anti-Human IgG (H&L) Antibody Fluorescein Conjugated - 309-4202, FITC, Polyclonal DNA-SEC-182691

Article Name	Rabbit F(ab)2 Anti-Human IgG (H&L) Antibody Fluorescein Conjugated - 309-4202, FITC, Polyclonal
Biozol Catalog Number	DNA-SEC-182691
Supplier Catalog Number	DNA-SEC-182691
Alternative Catalog Number	DNA-SEC-182691
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	FLISA,FACS,IF
Species Reactivity	Human
Immunogen	Human IgG whole molecule
Conjugation	FITC
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	F(ab)2 Anti-Human IgG (H&L) Fluorescein Antibody generated in rabbit 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	10.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product is a F(ab)2 fragment of an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and pepsin digestion followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Human IgG and Human Serum. No reaction was observed against anti-Rabbit IgG F(c) or anti-Pepsin.
Form	Lyophilized
Formula	20 mM K3PO4, 150 mM NaCl, pH 7.2, lyophilisate, 0.01% NaN3
Target	Human
Antibody Type	Secondary Antibody
Application Dilute	FLISA Dilution: 1:10,000 - 1:50,000, Flow Cytometry Dilution: 1:500 - 1:2,500, Fluorochrome Protein Value: 4.2, IF Microscopy Dilution: 1:1,000 - 1:5,000
Application Notes	F(ab)2 Anti-Human IgG (H&L) Fluorescein Antibody 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. 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.