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Product Datasheet

Rabbit F(ab)2 anti-Rat IgG (F(ab)2)-FITC, MinX none DNA-SEC-182710

Article Name	Rabbit F(ab)2 anti-Rat IgG (F(ab)2)-FITC, MinX none
Biozol Catalog Number	DNA-SEC-182710
Supplier Catalog Number	SEC-182710
Alternative Catalog Number	DNA-SEC-182710
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	FLISA,FACS,IF
Species Reactivity	Rat
Immunogen	Rat IgG F(ab)2 fragment
Conjugation	FITC
Format	F(ab')2
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	F(ab)2 Anti-Rat IgG F(ab)2 Fluorescein Antibody generated in rabbit detects Rat F(ab)2. Representing approximately 75% of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and sec...
Clonality	Polyclonal

Concentration	10.0 mg/mL
Isotype	Ig
Buffer	0.01 M Sodium 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, Rat IgG, Rat IgG F(ab') ₂ and Rat Serum. No reaction was observed against Rat IgG F(c), anti-Rabbit IgG F(c) or anti-Pepsin.
Form	Lyophilized
Formula	10 mM NaPO ₄ , 150 mM NaCl, pH 7.2, lyophilisate, 0.01% Thimerosal
Target	Rat
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: 2.9, IF Microscopy Dilution: 1:1,000 - 1:5,000
Application Notes	F(ab') ₂ Anti-Rat IgG F(ab') ₂ 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.