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Product Datasheet

Goat F(ab)2 anti-Rat IgG (F(ab)2)-RPE, MinX Bo, Ho, Hu DNA-SEC-183872

Article Name	Goat F(ab)2 anti-Rat IgG (F(ab)2)-RPE, MinX Bo, Ho, Hu
Biozol Catalog Number	DNA-SEC-183872
Supplier Catalog Number	SEC-183872
Alternative Catalog Number	DNA-SEC-183872
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	FACS, IF
Species Reactivity	Rat
Immunogen	Rat IgG F(ab)2 fragment
Conjugation	RPE
Format	F(ab')2
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	Bovine, Equine, Human
Product Description	F(ab)2 Anti-Rat IgG F(ab)2 Phycoerythrin Antibody generated in goat 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	0.5 mg/mL
Isotype	Ig
Buffer	See application note.
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat 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, Rat IgG, Rat IgG F(ab')2 and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(c) or Bovine, Horse and Human Serum Proteins.
Form	Lyophilized
Formula	10 mM NaPO4,250 mM NaCl,pH 7.6,lyophilisate,0.05% NaN3
Target	Rat
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:50 - 1:200, IF Microscopy Dilution: 1:50 - 1:200
Application Notes	Supplied in pH 7.6 buffer (10 mM Sodium Phosphate 250 mM NaCl) 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.