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## Product Datasheet

### Goat IgG anti-Rat IgG (H+L)-RPE, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rb,Sh DNA-SEC-183451

Article Name	Goat IgG anti-Rat IgG (H+L)-RPE, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rb,Sh
Biozol Catalog Number	DNA-SEC-183451
Supplier Catalog Number	SEC-183451
Alternative Catalog Number	DNA-SEC-183451
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	FACS,IF
Species Reactivity	Rat
Immunogen	Anti-Rat IgG whole molecule was produced by repeated immunization with Rat IgG whole molecule in goat.
Conjugation	RPE
Format	IgG
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Bovine,Gallus,Goat,Guinea pig,Hamster (all),Equine,Human,Mouse,Rabbit,Sheep
Product Description	Anti-Rat IgG whole molecule antibody generated in goat detects specifically Rat IgG whole molecule. This secondary antibody anti-Rat is ideal for investigators who routinely perform immunomicroscopy and flow cytometry or FACS analysis as well as othe...

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 Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Rat IgG and Rat Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Sheep Serum Proteins.
Form	Lyophilized
Formula	20 mM K3PO4, 150 mM NaCl, pH 7.2, lyophilisate, 0.01% NaN3
Target	Rat
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250
Application Notes	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.