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## Product Datasheet

### Donkey IgG anti-Goat IgG (H+L)-RPE, MinX Hm,Rb,Rt,Ck,Ho,Ms DNA-SEC-182891

Article Name	Donkey IgG anti-Goat IgG (H+L)-RPE, MinX Hm,Rb,Rt,Ck,Ho,Ms
Biozol Catalog Number	DNA-SEC-182891
Supplier Catalog Number	SEC-182891
Alternative Catalog Number	DNA-SEC-182891
Manufacturer	dianova
Host	Donkey
Category	Antikörper
Application	FACS,IF
Species Reactivity	Goat
Immunogen	Goat IgG whole molecule
Conjugation	RPE
Format	IgG
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Hamster (all),Rabbit,Rat,Gallus,Equine,Mouse
Product Description	Goat IgG antibody recognizes IgG heavy and light chains. Anti-Goat IgG Phycoerythrin Antibody generated in donkey detects goat IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunogl...
Clonality	Polyclonal

Concentration	0.5 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-Goat IgG was prepared from monospecific antiserum by immunoaffinity chromatography using Goat 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-Donkey Serum, Goat IgG and Goat Serum. No reaction was observed against Chicken, Guinea Pig, Hamster, Horse, Mouse, Rabbit and Rat Serum Proteins.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Goat
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250, Western Blot Dilution: 1:1,000
Application Notes	Anti-Goat IgG (H&L) antibody 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 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. Specific conditions for reactivity should be optimized by the end user.