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Product Datasheet

Donkey F(ab)2 anti-Rabbit IgG (H+L)-RPE, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rt,Sh DNA-SEC-183847

Article Name	Donkey F(ab)2 anti-Rabbit IgG (H+L)-RPE, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rt,Sh
Biozol Catalog Number	DNA-SEC-183847
Supplier Catalog Number	SEC-183847
Alternative Catalog Number	DNA-SEC-183847
Manufacturer	dianova
Host	Donkey
Category	Antikörper
Application	FACS,IHC,IF,WB
Species Reactivity	Rabbit
Immunogen	Fab2 Anti-Rabbit IgG was produced by repeated immunization with Rabbit IgG whole molecule in donkey.
Conjugation	RPE
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Bovine,Gallus,Goat,Guinea pig,Hamster (all),Equine,Human,Mouse,Rat,Sheep

Product Description	F(ab)2 Anti-Rabbit IgG [H&L] Antibody Phycoerythrin Conjugated Pre-adsorbed was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibody conjugates. These include reduced non-specific binding, increased sensitivity and reduced toxicity. The F(ab)2 fragments retain the antigen-binding properties of the intact antibody, making them suitable for a wide range of applications.
Clonality	Polyclonal
Concentration	0.5 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	F(ab')2 Anti-Rabbit IgG (H&L) Phycoerythrin Conjugated Antibody Pre-adsorbed was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit 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-Donkey Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c) or to Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat & Sheep Serum Proteins.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Rabbit
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, Immunohistochemistry Dilution: User Optimized, IF Microscopy Dilution: 1:100 - 1:200, Western Blot Dilution: 1:1,000
Application Notes	F(ab')2 Rabbit IgG Phycoerythrin Conjugated Antibody was tested in WB, and is suitable for immunomicroscopy, 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.