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Product Datasheet

Goat F(ab)2 anti-Mouse IgG (H+L)-RPE, MinX Bo,Hm,Ho,Hu,Rb,Rt,Sh DNA-SEC-183807

Article Name	Goat F(ab)2 anti-Mouse IgG (H+L)-RPE, MinX Bo,Hm,Ho,Hu,Rb,Rt,Sh
Biozol Catalog Number	DNA-SEC-183807
Supplier Catalog Number	SEC-183807
Alternative Catalog Number	DNA-SEC-183807
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	FACS,IF
Species Reactivity	Mouse
Immunogen	F(ab)2 anti-Mouse IgG (H&L) was produced by repeated immunization with Mouse IgG whole molecule in goat.
Conjugation	RPE
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Bovine,Hamster (all),Equine,Human,Rabbit,Rat,Sheep
Product Description	F(ab)2 Anti-Mouse IgG (H&L) Antibody was generated in goat and detects specifically Mouse IgG. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to ...
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-MOUSE IgG (H&L) (GOAT) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. F(ab') ₂ Anti-MOUSE IgG (H&L) (GOAT) Antibody assays by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine Chicken Goat Guinea Pig Horse Hamster Human Rabbit Rat and Sheep Serum Proteins.
Form	Lyophilized
Formula	20 mM K ₃ PO ₄ , 150 mM NaCl, pH 7.2, lyophilisate, 0.01% NaN ₃
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250
Application Notes	F(ab') ₂ anti-Mouse 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 10 ⁶ 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.