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Product Datasheet

Rabbit F(ab)2 Anti-Guinea Pig IgG (H&L) Antibody - 306-4102, Unconjugated, Polyclonal DNA-SEC-182671

Article Name	Rabbit F(ab)2 Anti-Guinea Pig IgG (H&L) Antibody - 306-4102, Unconjugated, Polyclonal
Biozol Catalog Number	DNA-SEC-182671
Supplier Catalog Number	DNA-SEC-182671
Alternative Catalog Number	DNA-SEC-182671
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Guinea pig
Immunogen	Guinea Pig IgG whole molecule
Conjugation	Unconjugated
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	F(ab)2 Antibody 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 antibodies for use in certain immunochemical techniques and exper...

Clonality	Polyclonal
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product is a F(ab) ₂ fragment of IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and pepsin digestion followed by chromatographic separation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Guinea Pig IgG and Guinea Pig Serum. No reaction was observed against anti-Rabbit IgG F(c) or anti-Pepsin.
Form	Lyophilized
Formula	20 mM K ₃ PO ₄ , 150 mM NaCl, pH 7.2, lyophilisate, Azide/BSA free
Target	Guinea Pig
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:20,000 - 1:100,000, Immunohistochemistry Dilution: 1:1,000-1:5,000, Western Blot Dilution: 1:2,000-1:10,000
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 10 ⁶ cells in flow cytometry is approximately 1.0 µg of antibody. 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.