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## Product Datasheet

### **Rabbit F(ab)2 Anti-Golden Syrian Hamster IgG (H&L) Antibody Phycoerythrin Conjugated - 707-408-002, RPE, Polyclonal DNA-SEC-183711**

Article Name	Rabbit F(ab)2 Anti-Golden Syrian Hamster IgG (H&L) Antibody Phycoerythrin Conjugated - 707-408-002, RPE, Polyclonal
Biozol Catalog Number	DNA-SEC-183711
Supplier Catalog Number	DNA-SEC-183711
Alternative Catalog Number	DNA-SEC-183711
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	FACS,IF
Species Reactivity	Golden Hamster
Immunogen	Anti-Golden Syrian Hamster IgG (H&L) was produced by repeated immunization with Golden Syrian Hamster IgG whole molecule in rabbit.
Conjugation	RPE
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	no cross-adsorbtion

Product Description	F(ab)2 Anti-Golden Syrian Hamster IgG Phycoerythrin 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 i...
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-Golden Syrian Hamster IgG Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Golden Syrian Hamster IgG coupled to agarose beads followed by pepsin digestion and chromatographic separation. Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Rabbit Serum, Golden Syrian Hamster IgG and Golden Syrian Hamster Serum. No reaction was observed against anti-Pepsin or anti-Rabbit IgG F(c).
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Golden Syrian Hamster
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250
Application Notes	Golden Syrian Hamster 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 $1 \times 10^6$ 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.