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## Product Datasheet

### Goat F(ab)2 Anti-Rat IgM (mu chain) Antibody Phycoerythrin Conjugated - 712-1807, RPE, Polyclonal DNA-SEC-183870

Article Name	Goat F(ab)2 Anti-Rat IgM (mu chain) Antibody Phycoerythrin Conjugated - 712-1807, RPE, Polyclonal
Biozol Catalog Number	DNA-SEC-183870
Supplier Catalog Number	DNA-SEC-183870
Alternative Catalog Number	DNA-SEC-183870
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	FACS, IF
Species Reactivity	Rat
Immunogen	Rat IgM whole molecule
Conjugation	RPE
Format	F(ab')2
Target Specificity	IgM ( $\mu$ )
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	F(ab)2 Anti-Rat IgM Antibody generated in goat detects reactivity to Rat IgM. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immun...

Clonality	Polyclonal
Concentration	0.5 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgM 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-Goat Serum, Rat IgM, and Rat Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). No reaction was observed against other rat heavy or light chain proteins.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Rat
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-Rat IgM Antibody Phycoerythrin conjugation 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.