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Product Datasheet

Rabbit Anti-Mouse IgG (gamma 1, 2a, 2b and 3 chain) Antibody Phycoerythrin Conjugated - 610-408-C46, RPE, Polyclonal DNA-SEC-183236

Article Name	Rabbit Anti-Mouse IgG (gamma 1, 2a, 2b and 3 chain) Antibody Phycoerythrin Conjugated - 610-408-C46, RPE, Polyclonal
Biozol Catalog Number	DNA-SEC-183236
Supplier Catalog Number	DNA-SEC-183236
Alternative Catalog Number	DNA-SEC-183236
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	DOT
Species Reactivity	Mouse
Immunogen	Anti-Mouse IgG subclass pan reactive Secondary Antibody was produced by repeated immunization with highly purified mouse IgG gamma 1, gamma 2a, gamma 2b and gamma 3 proteins
Conjugation	RPE
Format	IgG
Target Specificity	IgG (Fc-Fragment)
Cross-Adsorption (MinX)	no cross-adsorbtion

Product Description	Anti-Mouse IgG Phycoerythrin Antibody generated in rabbit detects reactivity to Mouse IgG1, IgG2a, IgG2b and IgG3. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunogl...
Clonality	Polyclonal
Concentration	0.5 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-Mouse IgG subclass pan reactive Secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. This product shows balanced reactivity to Mouse IgG1, IgG2a, IgG2b and IgG3 proteins and is suitable to screen IgG class hybridoma clones. Minimal cross reactivity is observed against other Mouse immunoglobulin classes or light chain proteins. 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, Mouse IgG and Mouse Serum.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250
Application Notes	Anti-Mouse IgG subclass pan reactive Phycoerythrin Antibody has been tested by dot blot and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.