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Product Datasheet

Rabbit Anti-Mouse IgG1 (Gamma 1 chain) Antibody - 610-4140, Unconjugated, Polyclonal DNA-SEC-183248

Article Name	Rabbit Anti-Mouse IgG1 (Gamma 1 chain) Antibody - 610-4140, Unconjugated, Polyclonal
Biozol Catalog Number	DNA-SEC-183248
Supplier Catalog Number	DNA-SEC-183248
Alternative Catalog Number	DNA-SEC-183248
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	DOT, ELISA
Species Reactivity	Mouse
Immunogen	Mouse IgG1 heavy chain
Conjugation	Unconjugated
Format	IgG
Target Specificity	IgG1 (Fc)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Mouse IgG1 Antibody generated in rabbit detects reactivity to Mouse IgG1 (Gamma 1 chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG1 chain constitutes 66% o...

Clonality	Polyclonal
Concentration	1.14 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-Mouse IgG1 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. Assay by immunolectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Mouse Serum, Mouse IgG and Mouse IgG1. Specificity was confirmed by ELISA. For IgG2a, IgG2b and IgG3 reactivity was less than 5% against target (IgG1, IgG).
Form	Liquid (sterile filtered)
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,sterile filtered,0,01% NaN3
Target	Mouse
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	Mouse IgG1 secondary antibody is available in a variety of formats. Anti-Mouse IgG1 Antibody has been tested by ELISA and dot blot and is suitable for ELISA, Immunohistochemistry western blotting as well as other anti IgG1 antibody based assays.