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Product Datasheet

Rabbit Anti-Mouse IgG2a (Gamma 2a chain) Antibody Alkaline Phosphatase Conjugated - 610-4541, AP, Polyclonal DNA-SEC-183297

Article Name	Rabbit Anti-Mouse IgG2a (Gamma 2a chain) Antibody Alkaline Phosphatase Conjugated - 610-4541, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183297
Supplier Catalog Number	DNA-SEC-183297
Alternative Catalog Number	DNA-SEC-183297
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	DOT, ELISA, WB
Species Reactivity	Mouse
Immunogen	Mouse IgG2a heavy chain
Conjugation	AP
Format	IgG
Target Specificity	IgG2a (Fc)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Mouse IgG2a Alkaline Phosphatase antibody generated in rabbit detects reactivity to Mouse IgG2a (Gamma 2a chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG2...

Clonality	Polyclonal
Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol, pH 8.0
Purity	This product 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 immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine) and anti-Rabbit Serum. Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse heavy or light chain isotypes.
Form	Liquid (sterile filtered)
Formula	50 mM TrisHCl,150 mM NaCl,1 mM MgCl ₂ ,0,1 mM ZnCl ₂ ,50% (v/v) Glycerol,pH 8,0,sterile filtered,0,1% NaN ₃
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:2,000 - 1:10,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500
Application Notes	Anti-Mouse IgG2a Alkaline Phosphatase antibody has been tested by ELISA, dot blot, and western blot. This antibody is assayed against 1.0 µg of Mouse IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 is suggested for this product.