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## Product Datasheet

### Rabbit Anti-Mouse IgG F(ab)2 Antibody Alkaline Phosphatase Conjugated - 610-4504, AP, Polyclonal DNA-SEC-183282

Article Name	Rabbit Anti-Mouse IgG F(ab)2 Antibody Alkaline Phosphatase Conjugated - 610-4504, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183282
Supplier Catalog Number	DNA-SEC-183282
Alternative Catalog Number	DNA-SEC-183282
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Mouse
Immunogen	Mouse IgG F(ab)2 fragment
Conjugation	AP
Format	IgG
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Mouse IgG F(ab)2 Alkaline Phosphatase antibody generated in rabbit recognizes the dimeric Fab portion of the mouse IgG molecule. Mouse IgG F(ab)2 is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme p...

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 Mouse IgG 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), anti-Rabbit Serum, Mouse IgG, Mouse IgG F(ab)2 and Mouse Serum. No reaction was observed against Mouse IgG F(c).
Form	Liquid (sterile filtered)
Formula	50 mM TrisHCl,150 mM NaCl,1 mM MgCl <sub>2</sub> ,0,1 mM ZnCl <sub>2</sub> ,50% (v/v) Glycerol,pH 8,0,sterile filtered,0,01% NaN <sub>3</sub>
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	This product has been 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 1:4,700 of the reconstitution concentration is suggested for this product.