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Product Datasheet

Goat F(ab)2 anti-Mouse IgG (H+L)-Alk. Phos., MinX Hu DNA-SEC-183775

Article Name	Goat F(ab)2 anti-Mouse IgG (H+L)-Alk. Phos., MinX Hu
Biozol Catalog Number	DNA-SEC-183775
Supplier Catalog Number	SEC-183775
Alternative Catalog Number	DNA-SEC-183775
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Mouse
Immunogen	Mouse IgG whole molecule
Conjugation	Alk. Phos.
Format	F(ab')2
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Human
Product Description	F(ab)2 Anti-Mouse IgG (H&L) Alkaline Phosphatase Antibody generated in goat was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibody fragments. They are less likely to bind to Fc receptors on target cells, which can reduce non-specific binding and signaling. They also have a higher ratio of antigen-binding sites to Fc receptors, which can improve sensitivity and specificity in various assays. F(ab)2 fragments are often used in applications where intact antibodies are too large or may bind to non-specific targets.
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, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Human Serum Proteins.
Form	Liquid (sterile filtered)
Formula	50 mM TrisHCl,150 mM NaCl,1 mM MgCl,0,1 mM ZnCl,50% (v/v) Glycerol,pH 8,0,sterile filtered,0,01% NaN3
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:20,000, Immunohistochemistry Dilution: 1:100-1:500, Western Blot Dilution: 1:200-1:1,000
Application Notes	F(ab)2 Anti-Mouse IgG (H&L) Alkaline Phosphatase Antibody has been tested by ELISA and dot blot and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.