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Product Datasheet

Goat Anti-Mouse IgG2b (Gamma 2b chain) Antibody Fluorescein Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-102-042, FITC, Polyclonal DNA-SEC-183125

Article Name	Goat Anti-Mouse IgG2b (Gamma 2b chain) Antibody Fluorescein Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-102-042, FITC, Polyclonal
Biozol Catalog Number	DNA-SEC-183125
Supplier Catalog Number	DNA-SEC-183125
Alternative Catalog Number	DNA-SEC-183125
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	DOT
Species Reactivity	Mouse
Immunogen	Mouse IgG2b heavy chain
Conjugation	FITC
Format	IgG
Target Specificity	IgG2b (Fc)
Cross-Adsorption (MinX)	no cross-adsorbtion

Product Description	Anti-Mouse IgG2b Fluorescein Antibody generated in goat detects reactivity to Mouse IgG2b (Gamma 2b chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG2, the second most abundant immunoglobulin in human serum.
Clonality	Polyclonal
Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-MOUSE IgG2b (Gamma 2b chain) 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 immunoelectrophoresis resulted in a single precipitin arc against anti-fluorescein, anti-Goat Serum, Mouse Serum and Mouse IgG. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal.
Form	Lyophilized
Formula	20 mM K3PO4, 150 mM NaCl, pH 7.2, lyophilisate, 0.01% NaN3
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:10,000 - 1:50,000, Flow Cytometry Dilution: 1:200 - 1:500, Fluorochrome Protein Value: 2.5, Immunohistochemistry Dilution: 1:1,000 - 1:5,000, IF Microscopy Dilution: 1:1,000 - 1:5,000, Western Blot Dilution: 1:2,000 - 1:10,000
Application Notes	Anti-Mouse IgG2b Fluorescein antibody has been tested by dot blot and is suitable for Flow Cytometry, Immunohistochemistry and Immunofluorescence Microscopy, ELISA, western blotting as well as other anti IgG2b antibody based assays.