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## Product Datasheet

### Goat IgG anti-Mouse IgG2b (Fc)-ATTO 594, MinX none DNA-SEC-183210

Article Name	Goat IgG anti-Mouse IgG2b (Fc)-ATTO 594, MinX none
Biozol Catalog Number	DNA-SEC-183210
Supplier Catalog Number	SEC-183210
Alternative Catalog Number	DNA-SEC-183210
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	FLISA,FACS,IF,WB
Species Reactivity	Mouse
Immunogen	Mouse IgG2b heavy chain
Conjugation	ATTO 594
Format	IgG
Target Specificity	IgG2b (Fc)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Mouse IgG2b ATTO 594 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 I...
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-Goat Serum, Mouse Serum and Mouse IgG2b. 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	FLISA Dilution: >1:20,000, Flow Cytometry Dilution: 1:500 - 1:2,500, Fluorochrome Protein Value: 3.0, IF Microscopy Dilution: >1:5,000, Western Blot Dilution: 1:4,000 - 1:20,000
Application Notes	Anti-Mouse IgG2b secondary antibody is suitable for ELISA, Immunohistochemistry, western blotting as well as other anti IgG2b antibody based assays. The emission spectra for this ATTO conjugate matches the principle output wavelengths of most common fluorescence instrumentation. Mouse IgG2b secondary antibody is available in a variety of formats. ATTO dye conjugates are designed for STED microscopy, FRET, immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.