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## Product Datasheet

### **Goat Anti-Mouse IgG2b (Gamma 2b chain) Antibody ATTO 532 Conjugated (Min X to Bv, Hu, and Rb Serum Proteins) - 610-153-042, ATTO-532, Polyclonal DNA-SEC-183198**

Article Name	Goat Anti-Mouse IgG2b (Gamma 2b chain) Antibody ATTO 532 Conjugated (Min X to Bv, Hu, and Rb Serum Proteins) - 610-153-042, ATTO-532, Polyclonal
Biozol Catalog Number	DNA-SEC-183198
Supplier Catalog Number	DNA-SEC-183198
Alternative Catalog Number	DNA-SEC-183198
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	DOT
Species Reactivity	Mouse
Immunogen	Mouse IgG2b heavy chain
Conjugation	ATTO-532
Format	IgG
Target Specificity	IgG2b (Fc)
Cross-Adsorption (MinX)	no cross-adsorbtion

Product Description	Anti-Mouse IgG2b ATTO 532 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 ATTO 532 Antibody has been tested by dot blot. Mouse IgG2b secondary antibody is suitable for ELISA, Immunohistochemistry, western blotting as well as other anti IgG2b antibody based assays. ATTO Dye Conjugated Secondary Antibodies 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.