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Product Datasheet

Goat Anti-Mouse IgG2a (Gamma 2a chain) Antibody ATTO 594 Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-155-041, ATTO-594, Polyclonal DNA-SEC-183209

Article Name	Goat Anti-Mouse IgG2a (Gamma 2a chain) Antibody ATTO 594 Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-155-041, ATTO-594, Polyclonal
Biozol Catalog Number	DNA-SEC-183209
Supplier Catalog Number	DNA-SEC-183209
Alternative Catalog Number	DNA-SEC-183209
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	WB
Species Reactivity	Mouse
Immunogen	Mouse IgG2a heavy chain
Conjugation	ATTO-594
Format	IgG
Target Specificity	IgG2a (Fc)
Cross-Adsorption (MinX)	no cross-adsorbtion

Product Description	Anti-Mouse IgG2a ATTO 594 Antibody generated in goat detects reactivity to Mouse IgG2a (Gamma 2a 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	MOUSE IgG2a 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 IgG2a. Specificity was confirmed by ELISA at less than 1% cross-reactivity against other mouse heavy or light chain isotypes. 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: 3.7, IF Microscopy Dilution: >1:5,000, Western Blot Dilution: 1:4,000 - 1:20,000
Application Notes	Mouse IgG2a secondary antibody is available in a variety of formats. Anti-Mouse IgG2a ATTO 594 Antibody has been tested by western blot and is 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. Anti-Mouse IgG2a secondary antibody is suitable for ELISA, Immunohistochemistry western blotting as well as other anti IgG2a antibody based assays. The emission spectra for this ATTO conjugate matches the principle output wavelengths of most common fluorescence instrumentation.