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## Product Datasheet

### **Goat Anti-Mouse IgG2a (Gamma 2a chain) Antibody ATTO 550 Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-154-041, ATTO-550, Polyclonal DNA-SEC-183203**

Artikelname	Goat Anti-Mouse IgG2a (Gamma 2a chain) Antibody ATTO 550 Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-154-041, ATTO-550, Polyclonal
Artikelnummer	DNA-SEC-183203
Hersteller Artikelnummer	DNA-SEC-183203
Alternativnummer	DNA-SEC-183203
Hersteller	dianova
Wirt	Goat
Kategorie	Antikörper
Applikation	DOT
Spezies Reaktivität	Mouse
Immunogen	Mouse IgG2a heavy chain
Konjugation	ATTO-550
Format	IgG
Spezifität	IgG2a (Fc)
Minimale Kreuzreaktivität (MinX)	no cross-adsorbtion

Produktbeschreibung	Anti-Mouse IgG2a ATTO 550 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...
Klonalität	Polyclonal
Konzentration	1.0 mg/mL
Isotyp	Ig
Puffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reinheit	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.
Formulierung	Lyophilized
Formel	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target-Kategorie	Mouse
Antibody Type	Secondary Antibody
Application Verdünnung	FLISA Dilution: >1:20,000, Flow Cytometry Dilution: 1:500 - 1:2,500, Fluorochrome Protein Value: 1.0, Immunohistochemistry Dilution: >1:5,000, IF Microscopy Dilution: >1:5,000, Western Blot Dilution: >1:10,000
Anwendungsbeschreibung	Mouse IgG2a secondary antibody is available in a variety of formats. Anti-Mouse IgG2a ATTO 550 Antibody has been tested by dot 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.