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Product Datasheet

Rabbit Anti-Mouse IgG (gamma 1, 2a, 2b and 3 chain) Antibody ATTO 550 Conjugated - 610-454-C46S, ATTO-550, Polyclonal DNA-SEC-183301

Article Name	Rabbit Anti-Mouse IgG (gamma 1, 2a, 2b and 3 chain) Antibody ATTO 550 Conjugated - 610-454-C46S, ATTO-550, Polyclonal
Biozol Catalog Number	DNA-SEC-183301
Supplier Catalog Number	DNA-SEC-183301
Alternative Catalog Number	DNA-SEC-183301
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	Mouse
Immunogen	highly purified mouse IgG gamma 1, gamma 2a, gamma 2b and gamma 3 proteins
Conjugation	ATTO-550
Format	IgG
Target Specificity	IgG (Fc-Fragment)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Mouse IgG ATTO 550 Antibody generated in rabbit detects reactivity to Mouse IgG1, IgG2a, IgG2b and IgG3. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobuli...

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 IgG (gamma 1, 2a, 2b and 3 chain) Antibody ATTO 550 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. This product shows balanced reactivity to Mouse IgG1, IgG2a, IgG2b and IgG3 proteins and is suitable to screen IgG class hybridoma clones. Minimal cross reactivity is observed against other Mouse immunoglobulin classes or light chain proteins.
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, Fluorochrome Protein Value: 1.5, IF Microscopy Dilution: >1:5,000, Western Blot Dilution: >1:10,000
Application Notes	Anti-Mouse IgG (gamma 1, 2a, 2b and 3 chain) conjugated to ATTO 550 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. The emission spectra for this ATTO conjugate matches the principle output wavelengths of most common fluorescence instrumentation.