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Product Datasheet

Goat Anti-Mouse IgG1 (Gamma 1 chain) Antibody ATTO 647N Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-156-040, ATTO-647N, Polyclonal DNA-SEC-183214

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| Article Name | Goat Anti-Mouse IgG1 (Gamma 1 chain) Antibody ATTO 647N Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-156-040, ATTO-647N, Polyclonal |
| Biozol Catalog Number | DNA-SEC-183214 |
| Supplier Catalog Number | DNA-SEC-183214 |
| Alternative Catalog Number | DNA-SEC-183214 |
| Manufacturer | dianova |
| Host | Goat |
| Category | Antikörper |
| Application | DOT, WB |
| Species Reactivity | Mouse |
| Immunogen | Mouse IgG1 heavy chain |
| Conjugation | ATTO-647N |
| Format | IgG |
| Target Specificity | IgG1 (Fc) |
| Cross-Adsorption (MinX) | no cross-adsorbtion |

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| Product Description | Anti-Mouse IgG1 ATTO 647N Antibody generated in goat detects reactivity to Mouse IgG1 (Gamma 1 chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG1 chain constitut... |
| 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 IgG1 antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG1 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, Mouse IgG and Mouse IgG1. 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: 1.7, IF Microscopy Dilution: >1:5,000, Western Blot Dilution: >1:10,000 |
| Application Notes | Anti-Mouse IgG1 ATTO 647N Antibody has been tested by dot blot and 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. |