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## Product Datasheet

### Goat IgG anti-Mouse IgG3 (Fc)-ATTO 647N, MinX none DNA-SEC-183217

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Goat IgG anti-Mouse IgG3 (Fc)-ATTO 647N, MinX none                                                                                                                                                                                                            |
| Biozol Catalog Number      | DNA-SEC-183217                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183217                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183217                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Goat                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FLISA,FACS,IF,WB                                                                                                                                                                                                                                              |
| Species Reactivity         | Mouse                                                                                                                                                                                                                                                         |
| Immunogen                  | Mouse IgG3 heavy chain                                                                                                                                                                                                                                        |
| Conjugation                | ATTO 647N                                                                                                                                                                                                                                                     |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgG3 (Fc)                                                                                                                                                                                                                                                     |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | Anti-Mouse IgG3 ATTO 647N Antibody generated in goat detects reactivity to Mouse IgG3 (Gamma 3 chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG3 comprises almos... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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| Concentration      | 1.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity             | Anti-MOUSE IgG3 (Gamma 3 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 IgG3. 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: 1.6, IF Microscopy Dilution: >1:5,000, Western Blot Dilution: 1:4,000 - 1:20,000                                                                                                                                                                                                                                                                                                                                  |
| Application Notes  | Mouse IgG3 secondary antibody is available in a variety of formats. ATTO dye conjugated 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. The emission spectra for this ATTO conjugate matches the principle output wavelengths of most common fluorescence instrumentation. |