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## Product Datasheet

### Rabbit IgG anti-Mouse IgG (Fc-Fragment)-ATTO 594, MinX none DNA-SEC-183302

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Rabbit IgG anti-Mouse IgG (Fc-Fragment)-ATTO 594, MinX none                                                                                                                                                                                                   |
| Biozol Catalog Number      | DNA-SEC-183302                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183302                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183302                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FLISA,IF,WB                                                                                                                                                                                                                                                   |
| Species Reactivity         | Mouse                                                                                                                                                                                                                                                         |
| Immunogen                  | highly purified mouse IgG gamma 1, gamma 2a, gamma 2b and gamma 3 proteins                                                                                                                                                                                    |
| Conjugation                | ATTO 594                                                                                                                                                                                                                                                      |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgG (Fc-Fragment)                                                                                                                                                                                                                                             |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | Anti-Mouse IgG ATTO 594 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                                                                                                                                                                                                                                                    |

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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             | Mouse IgG (gamma 1, 2a, 2b and 3 chain) Antibody ATTO 594 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: 2.9, 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 594 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.                         |