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## Product Datasheet

### Goat IgG anti-Rabbit IgG (H+L)-ATTO 550, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rt,Sh DNA-SEC-183385

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Goat IgG anti-Rabbit IgG (H+L)-ATTO 550, MinX<br>Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rt,Sh                                                                                                                                                                                |
| Biozol Catalog Number      | DNA-SEC-183385                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183385                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183385                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Goat                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FLISA,IF,WB                                                                                                                                                                                                                                                   |
| Species Reactivity         | Rabbit                                                                                                                                                                                                                                                        |
| Immunogen                  | Rabbit IgG whole molecule                                                                                                                                                                                                                                     |
| Conjugation                | ATTO 550                                                                                                                                                                                                                                                      |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgG (H+L)                                                                                                                                                                                                                                                     |
| Cross-Adsorption (MinX)    | Bovine,Gallus,Goat,Guinea pig,Hamster<br>(all),Equine,Human,Mouse,Rat,Sheep                                                                                                                                                                                   |
| Product Description        | Anti-Rabbit IgG (H&L) ATTO 550 Antibody generated in goat detects reactivity to Rabbit IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to virus... |

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| Clonality          | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration      | 1.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purity             | Rabbit IgG (H&L) Antibody ATTO 550 was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG 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, Rabbit IgG and Rabbit Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat and Sheep Serum Proteins. This antibody will react with heavy chains of rabbit IgG and with light chains of most rabbit immunoglobulins. |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Target             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Dilute | FLISA Dilution: >1:20,000, Fluorochrome Protein Value: 2.5, IF Microscopy Dilution: >1:5,000, Western Blot Dilution: >1:10,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Application Notes  | Anti-Rabbit IgG (H&L) conjugated to ATTO 550 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.                                                                                                                                               |