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## Product Datasheet

### **Rabbit IgG anti-Human IgA-Biotin, MinX none DNA-SEC-183089**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Rabbit IgG anti-Human IgA-Biotin, MinX none                                                                                                                                                                                                                   |
| Biozol Catalog Number      | DNA-SEC-183089                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183089                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183089                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human IgA alpha heavy chain                                                                                                                                                                                                                                   |
| Conjugation                | Biotin                                                                                                                                                                                                                                                        |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgA                                                                                                                                                                                                                                                           |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | Anti-Human IgA Biotin Antibody generated in rabbit detects immunoglobulin A (alpha chain) from human. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dime... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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| Concentration      | 1.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Buffer             | 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity             | This product 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-biotin, anti-Rabbit Serum, Human IgA and Human Serum. No reaction was observed against Human IgG or IgM. Specificity was confirmed by ELISA minimal cross reactivity against other human heavy or light chain isotypes. |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formula            | 10 mM NaPO <sub>4</sub> , 150 mM NaCl, pH 7.2, lyophilisate, 0.01% Thimerosal                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Target             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Dilute | ELISA Dilution: 1:5,000 - 1:20,000, Immunohistochemistry Dilution: 1:250 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,000                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Notes  | This product has been assayed against 1.0 ug of Human IgA in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:100,000 of the reconstitution concentration is suggested for this product.                                                                                                                        |