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## Product Datasheet

### Rabbit IgG anti-Human IgG (F(ab)2)-HRPO, MinX none DNA-SEC-183072

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Rabbit IgG anti-Human IgG (F(ab)2)-HRPO, MinX none                                                                                                                                                                                                            |
| Biozol Catalog Number      | DNA-SEC-183072                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183072                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183072                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human IgG F(ab)2 fragment                                                                                                                                                                                                                                     |
| Conjugation                | HRPO                                                                                                                                                                                                                                                          |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgG (F(ab')2)                                                                                                                                                                                                                                                 |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | Anti-Human IgG F(ab)2 Peroxidase Antibody generated in rabbit recognizes the dimeric Fab portion of the human IgG molecule. Human IgG F(ab)2 is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin unde... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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| Concentration      | 2.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity             | Anti-Human IgG F(ab') <sub>2</sub> Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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-Peroxidase, anti-Rabbit Serum, Human IgG, Human IgG F(ab') <sub>2</sub> and Human Serum. No reaction was observed against Human IgG F(c). |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Formula            | 20 mM K <sub>3</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2, lyophilisate, 0.01% Gentamicin                                                                                                                                                                                                                                                                                                                                                                          |
| Target             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Dilute | ELISA Dilution: 1:10,000 - 1:50,000, Immunohistochemistry Dilution: 1:500 - 1:2,500, Western Blot Dilution: 1:1,000 - 1:10,000                                                                                                                                                                                                                                                                                                                                      |
| Application Notes  | Anti-Human IgG F(ab') <sub>2</sub> Antibody has been assayed against 1.0 ug of Human IgG in a standard capture ELISA using 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 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for Anti-Human IgG F(ab') <sub>2</sub> Antibody.                                                            |