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## Product Datasheet

### Rabbit F(ab)2 anti-Goat IgG (F(ab)2)-HRPO, MinX none DNA-SEC-182670

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Rabbit F(ab)2 anti-Goat IgG (F(ab)2)-HRPO, MinX none                                                                                                                                                                                                          |
| Biozol Catalog Number      | DNA-SEC-182670                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-182670                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-182670                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Goat                                                                                                                                                                                                                                                          |
| Immunogen                  | Goat IgG F(ab)2 fragment                                                                                                                                                                                                                                      |
| Conjugation                | HRPO                                                                                                                                                                                                                                                          |
| Format                     | F(ab')2                                                                                                                                                                                                                                                       |
| Target Specificity         | IgG (F(ab')2)                                                                                                                                                                                                                                                 |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | F(ab)2 Anti-Goat IgG F(ab)2 Peroxidase Antibody generated in rabbit detects Goat F(ab)2. Representing approximately 75% of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and se... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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| Concentration      | 10.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer             | 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity             | This product is a F(ab') <sub>2</sub> fragment of an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and pepsin digestion followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Goat IgG F(ab') <sub>2</sub> and Goat Serum. No reaction was observed against anti-Rabbit IgG F(c), Goat IgG F(c) or anti-Pepsin. |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formula            | 10 mM NaPO <sub>4</sub> , 150 mM NaCl, pH 7.2, lyophilisate, 0.01% Gentamicin                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Target             | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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  | This product is designed for 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.                                                                                                                                                                                                                                                                                          |