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## Product Datasheet

### Goat F(ab)2 anti-Rat IgG (F(ab)2)-Biotin, MinX Bo,Ho,Hu DNA-SEC-183868

|                                  |                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname                      | Goat F(ab)2 anti-Rat IgG (F(ab)2)-Biotin, MinX Bo,Ho,Hu                                                                                                                                                                                                       |
| Artikelnummer                    | DNA-SEC-183868                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer         | SEC-183868                                                                                                                                                                                                                                                    |
| Alternativnummer                 | DNA-SEC-183868                                                                                                                                                                                                                                                |
| Hersteller                       | dianova                                                                                                                                                                                                                                                       |
| Wirt                             | Goat                                                                                                                                                                                                                                                          |
| Kategorie                        | Antikörper                                                                                                                                                                                                                                                    |
| Applikation                      | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Spezies Reaktivität              | Rat                                                                                                                                                                                                                                                           |
| Immunogen                        | Rat IgG F(ab)2 fragment                                                                                                                                                                                                                                       |
| Konjugation                      | Biotin                                                                                                                                                                                                                                                        |
| Format                           | F(ab')2                                                                                                                                                                                                                                                       |
| Spezifität                       | IgG (F(ab')2)                                                                                                                                                                                                                                                 |
| Minimale Kreuzreaktivität (MinX) | Bovine,Equine,Human                                                                                                                                                                                                                                           |
| Produktbeschreibung              | F(ab)2 Anti-Rat IgG F(ab)2 Biotin Antibody generated in goat detects Rat 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 secreted b... |
| Klonalität                       | Polyclonal                                                                                                                                                                                                                                                    |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Konzentration          | 1.4 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotyp                 | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Puffer                 | 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reinheit               | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum, Rat IgG, Rat IgG F(ab') <sub>2</sub> and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(c) or Bovine, Horse and Human Serum Proteins. |
| Formulierung           | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formel                 | 10 mM NaPO <sub>4</sub> , 250 mM NaCl, pH 7.2, lyophilisate, 0.05% NaN <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Target-Kategorie       | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Antibody Type          | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Application Verdünnung | ELISA Dilution: 1:20,000 - 1:400,000, Immunohistochemistry Dilution: 1:500 - 1:5,000, Western Blot Dilution: 1:2,000 - 1:10,000                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung | F(ab') <sub>2</sub> Anti-Rat IgG F(ab') <sub>2</sub> Biotin Antibody 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.                                                                                                                                                                                                                        |