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## Product Datasheet

### **Donkey F(ab)2 anti-Rat IgG (H+L)-HRPO, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rb,Sh DNA-SEC-183888**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Donkey F(ab)2 anti-Rat IgG (H+L)-HRPO, MinX<br>Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rb,Sh                                                                                                                                                                                  |
| Biozol Catalog Number      | DNA-SEC-183888                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183888                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183888                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Donkey                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Rat                                                                                                                                                                                                                                                           |
| Immunogen                  | Rat IgG whole molecule                                                                                                                                                                                                                                        |
| Conjugation                | HRPO                                                                                                                                                                                                                                                          |
| Format                     | F(ab')2                                                                                                                                                                                                                                                       |
| Target Specificity         | IgG (H+L)                                                                                                                                                                                                                                                     |
| Cross-Adsorption (MinX)    | Bovine,Gallus,Goat,Guinea pig,Hamster<br>(all),Equine,Human,Mouse,Rabbit,Sheep                                                                                                                                                                                |
| Product Description        | F(ab)2 Anti-Rat IgG (H&L) Antibody generated in donkey detects immunoglobulin g from Rat, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulin... |

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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             | 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-Peroxidase, anti-Donkey Serum, Rat IgG and Rat Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c), or Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Sheep serum proteins. |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% Gentamicin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Target             | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Dilute | ELISA Dilution: 1:5,000 - 1:20,000, Immunohistochemistry Dilution: 1:500 - 1:2,000, Western Blot Dilution: 1:500 - 1:2,000                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Application Notes  | Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Do not use sodium azide as a preservative. Azide will substantially inhibit the enzyme activity of horseradish peroxidase.                                                                                                                          |