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## Product Datasheet

### Donkey IgG anti-Guinea Pig IgG (H+L)-Biotin, MinX Bo,Ck,Go,Hm,Ho,Hu,Ms,Rb,Rt,Sh DNA-SEC-182936

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Donkey IgG anti-Guinea Pig IgG (H+L)-Biotin, MinX<br>Bo,Ck,Go,Hm,Ho,Hu,Ms,Rb,Rt,Sh                                                                                                                                                                            |
| Biozol Catalog Number      | DNA-SEC-182936                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-182936                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-182936                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Donkey                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Guinea pig                                                                                                                                                                                                                                                    |
| Immunogen                  | Guinea Pig IgG whole molecule                                                                                                                                                                                                                                 |
| Conjugation                | Biotin                                                                                                                                                                                                                                                        |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgG (H+L)                                                                                                                                                                                                                                                     |
| Cross-Adsorption (MinX)    | Bovine,Gallus,Goat,Hamster<br>(all),Equine,Human,Mouse,Rabbit,Rat,Sheep                                                                                                                                                                                       |
| Product Description        | Anti-Guinea Pig IgG Biotin Antibody generated in donkey detects guinea pig IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria... |

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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             | <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Guinea Pig IgG coupled to agarose beads followed by conjugation to fluorochrome and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Donkey Serum, Guinea Pig IgG and Guinea Pig Serum. No reaction was observed against Bovine, Chicken, Goat, Hamster, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins. This antibody will react with heavy chains of Guinea Pig IgG and with light chains of most Guinea Pig immunoglobulins.</p> |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Target             | Guinea Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Dilute | ELISA Dilution: 1:10,000 - 1:50,000, Immunohistochemistry Dilution: 1:1,000 - 1:5,000, Western Blot Dilution: 1:2,000 - 1:10,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Application Notes  | <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                       |