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## Product Datasheet

### Goat F(ab)2 anti-Mouse IgG (H+L)-Biotin, MinX Bo,Ho,Hu,Rb,Rt,Sh DNA-SEC-183803

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Goat F(ab)2 anti-Mouse IgG (H+L)-Biotin, MinX Bo,Ho,Hu,Rb,Rt,Sh                                                                                                                                                                                               |
| Biozol Catalog Number      | DNA-SEC-183803                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183803                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183803                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Goat                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Mouse                                                                                                                                                                                                                                                         |
| Immunogen                  | Mouse IgG whole molecule was produced by repeated immunization with Mouse IgG whole molecule in goat.                                                                                                                                                         |
| Conjugation                | Biotin                                                                                                                                                                                                                                                        |
| Format                     | F(ab')2                                                                                                                                                                                                                                                       |
| Target Specificity         | IgG (H+L)                                                                                                                                                                                                                                                     |
| Cross-Adsorption (MinX)    | Bovine,Equine,Human,Rabbit,Rat,Sheep                                                                                                                                                                                                                          |
| Product Description        | F(ab)2 Anti-Mouse IgG (H&L) Antibody was generated in goat and detects specifically Mouse IgG. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to ... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration      | 1.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity             | F(ab') <sub>2</sub> Anti-Mouse IgG (H&L) (GOAT) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse 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, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine, Horse, Human, Rabbit, Rat and Sheep Serum Proteins. |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formula            | 20 mM K <sub>3</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2, lyophilisate, 0.01% NaN <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Target             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application Dilute | ELISA Dilution: 1:20,000 - 1:100,000, Immunohistochemistry Dilution: 1:1,000 - 1:5,000, Western Blot Dilution: 1:2,000 - 1:10,000                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application Notes  | F(ab') <sub>2</sub> Anti-Mouse IgG (H&L) (GOAT) Antibody is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.                                                                                                                                                                                                                                                           |