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## Product Datasheet

### Rabbit IgG anti-Mouse IgM (H+L)-HRPO, MinX none DNA-SEC-182597

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Rabbit IgG anti-Mouse IgM (H+L)-HRPO, MinX none                                                                                                                                                                                                               |
| Biozol Catalog Number      | DNA-SEC-182597                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-182597                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-182597                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Mouse                                                                                                                                                                                                                                                         |
| Immunogen                  | Anti-Mouse IgM (H&L) was produced by repeated immunization with mouse IgM whole molecule in rabbit.                                                                                                                                                           |
| Conjugation                | HRPO                                                                                                                                                                                                                                                          |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgM (H+L)                                                                                                                                                                                                                                                     |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | Anti-Mouse IgM (H&L) peroxidase conjugated antibody generated in rabbit detects specifically mouse IgM (H&L). Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly p... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration      | 10 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity             | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Rabbit Serum. This reagent primarily recognizes Mouse IgM however some light chain cross reactivity will occur against other mouse immunoglobulins.                                                              |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% Gentamicin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Target             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 secondary peroxidase conjugated antibody anti-Mouse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. Mouse IgM (H&L) peroxidase conjugated antibody has been assayed against 1.0 ug of mouse IgM in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 of the reconstitution concentration is suggested for this product. |