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## Product Datasheet

### Rabbit IgG anti-Rat IgM ( $\mu$ )-HRPO, MinX none DNA-SEC-183504

|                                  |                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname                      | Rabbit IgG anti-Rat IgM ( $\mu$ )-HRPO, MinX none                                                                                                                                                                                                             |
| Artikelnummer                    | DNA-SEC-183504                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer         | SEC-183504                                                                                                                                                                                                                                                    |
| Alternativnummer                 | DNA-SEC-183504                                                                                                                                                                                                                                                |
| Hersteller                       | dianova                                                                                                                                                                                                                                                       |
| Wirt                             | Rabbit                                                                                                                                                                                                                                                        |
| Kategorie                        | Antikörper                                                                                                                                                                                                                                                    |
| Applikation                      | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Spezies Reaktivität              | Rat                                                                                                                                                                                                                                                           |
| Immunogen                        | Rat IgM whole molecule                                                                                                                                                                                                                                        |
| Konjugation                      | HRPO                                                                                                                                                                                                                                                          |
| Format                           | IgG                                                                                                                                                                                                                                                           |
| Spezifität                       | IgM ( $\mu$ )                                                                                                                                                                                                                                                 |
| Minimale Kreuzreaktivität (MinX) | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Produktbeschreibung              | Anti-Rat IgM antibody generated in rabbit specifically detects rat IgM heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. For... |
| Klonalität                       | Polyclonal                                                                                                                                                                                                                                                    |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Konzentration          | 1.5 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Isotyp                 | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Puffer                 | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                           |
| Reinheit               | Anti-Rat IgM (mu chain) was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Rat IgM and Rat Serum. No reaction was observed against other rat heavy or light chain proteins. |
| Formulierung           | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Formel                 | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% Gentamicin                                                                                                                                                                                                                                                                                                                                                                         |
| Target-Kategorie       | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Antibody Type          | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Verdünnung | ELISA Dilution: 1:30,000 - 1:70,000, Immunohistochemistry Dilution: 1:500 - 1:2,500, Western Blot Dilution: 1:1,000 - 1:5,000                                                                                                                                                                                                                                                                                                        |
| Anwendungsbeschreibung | Anti-Rat IgM (mu chain) Peroxidase Conjugated antibody has been tested by ELISA and is suitable for ELISA, Western Blot and Immunohistochemistry. Antibody should be optimized by the end user for specific reactive conditions.                                                                                                                                                                                                     |