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## Product Datasheet

### Rabbit IgG anti-Rat IgM ( $\mu$ )-FITC, MinX none DNA-SEC-183499

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Rabbit IgG anti-Rat IgM ( $\mu$ )-FITC, MinX none                                                                                                                                                                                                             |
| Biozol Catalog Number      | DNA-SEC-183499                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183499                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183499                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FLISA,FACS,IF                                                                                                                                                                                                                                                 |
| Species Reactivity         | Rat                                                                                                                                                                                                                                                           |
| Immunogen                  | Rat IgM whole molecule                                                                                                                                                                                                                                        |
| Conjugation                | FITC                                                                                                                                                                                                                                                          |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgM ( $\mu$ )                                                                                                                                                                                                                                                 |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | 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... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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| Concentration      | 1.5 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 IgM 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-Fluorescein, anti-Rabbit Serum, Rat IgM and Rat Serum. No reaction was observed against other rat heavy or light chain proteins. |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3                                                                                                                                                                                                                                                                                                                                                                    |
| Target             | Rat                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Dilute | FLISA Dilution: 1:10,000 - 1:50,000, Flow Cytometry Dilution: 1:500 - 1:2,500, Fluorochrome Protein Value: 2.4, IF Microscopy Dilution: 1:1,000 - 1:5,000                                                                                                                                                                                                                                                                 |
| Application Notes  | 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.                                                                                                                                                         |