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## Product Datasheet

### Goat F(ab)2 anti-Human IgM (μ)-FITC, MinX none DNA-SEC-183737

|                            |   |
|----------------------------|---|
| Article Name               | Goat F(ab)2 anti-Human IgM (μ)-FITC, MinX none  |
| Biozol Catalog Number      | DNA-SEC-183737  |
| Supplier Catalog Number    | SEC-183737  |
| Alternative Catalog Number | DNA-SEC-183737  |
| Manufacturer               | dianova   |
| Host                       | Goat  |
| Category                   | Antikörper  |
| Application                | FACS,IF   |
| Species Reactivity         | Human   |
| Immunogen                  | Human IgM Fc5μ fragment   |
| Conjugation                | FITC  |
| Format                     | F(ab')2   |
| Target Specificity         | IgM (μ)   |
| Cross-Adsorption (MinX)    | no cross-adsorbtion   |
| Product Description        | F(ab)2 Anti-Human IgM Fc5μ Fluorescein Antibody generated in goat detects specifically the Fc5μ portion of the human IgM heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen... |
| Clonality                  | Polyclonal  |

|                    |   |
|--------------------|---|
| Concentration      | 1.0 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 Human IgM 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-Fluorescein, anti-Goat Serum, Human IgM and Human Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). Specificity was confirmed by ELISA at less than 1% cross reactivity against other human heavy or light chain isotypes. |
| Form               | Lyophilized   |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3  |
| Target             | Human   |
| Antibody Type      | Secondary Antibody  |
| Application Dilute | Flow Cytometry Dilution: 1:500-1:2,500, Fluorochrome Protein Value: 3.7, IF Microscopy Dilution: 1:500 - 1:2,500  |
| Application Notes  | F(ab') <sub>2</sub> Anti-Human IgM Fc5μ Fluorescein Antibody 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. 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.                         |