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## Product Datasheet

### Goat IgG anti-Mouse IgG2a (Fc)-FITC, MinX none DNA-SEC-183124

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Goat IgG anti-Mouse IgG2a (Fc)-FITC, MinX none                                                                                                                                                                                                                |
| Biozol Catalog Number      | DNA-SEC-183124                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183124                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183124                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Goat                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FLISA,FACS,IHC,IF,WB                                                                                                                                                                                                                                          |
| Species Reactivity         | Mouse                                                                                                                                                                                                                                                         |
| Immunogen                  | Mouse IgG2a heavy chain                                                                                                                                                                                                                                       |
| Conjugation                | FITC                                                                                                                                                                                                                                                          |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgG2a (Fc)                                                                                                                                                                                                                                                    |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | Anti-Mouse IgG2a Fluorescein Antibody generated in goat detects reactivity to Mouse IgG2a (Gamma 2a chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG2, the secon... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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| Concentration      | 1.7 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity             | MOUSE IgG2a Antibody 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-fluorescein, anti-Goat Serum, Mouse Serum and Mouse IgG2a. Specificity was confirmed by ELISA at less than 1% cross-reactivity against other mouse heavy or light chain isotypes. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal. |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,0,01% NaN3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Target             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Dilute | FLISA Dilution: 1:10,000 - 1:50,000, Flow Cytometry Dilution: 1:200 - 1:500, Fluorochrome Protein Value: 5.2, Immunohistochemistry Dilution: 1:1,000 - 1:5,000, IF Microscopy Dilution: 1:1,000 - 1:5,000, Western Blot Dilution: 1:2,000 - 1:10,000                                                                                                                                                                                                                                                                                                                                                                                |
| Application Notes  | Mouse IgG2a secondary antibody is available in a variety of formats. FITC Conjugated Secondary Antibodies are 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.                                                                                                                                                                                                                                                                     |