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## Product Datasheet

### Rabbit IgG anti-Mouse IgG2a (Fc)-Alk. Phos., MinX none DNA-SEC-183297

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Rabbit IgG anti-Mouse IgG2a (Fc)-Alk. Phos., MinX none                                                                                                                                                                                                        |
| Biozol Catalog Number      | DNA-SEC-183297                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183297                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183297                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Mouse                                                                                                                                                                                                                                                         |
| Immunogen                  | Mouse IgG2a heavy chain                                                                                                                                                                                                                                       |
| Conjugation                | Alk. Phos.                                                                                                                                                                                                                                                    |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgG2a (Fc)                                                                                                                                                                                                                                                    |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | Anti-Mouse IgG2a Alkaline Phosphatase antibody generated in rabbit 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... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration      | 1.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer             | 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol, pH 8.0                                                                                                                                                                                                                                                                                                                                                     |
| Purity             | This product 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-Alkaline Phosphatase (calf intestine) and anti-Rabbit Serum. Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse heavy or light chain isotypes. |
| Form               | Liquid (sterile filtered)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formula            | 50 mM TrisHCl,150 mM NaCl,1 mM MgCl,0,1 mM ZnCl,50% (v/v) Glycerol,pH 8,0,sterile filtered,0,1% NaN <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                              |
| Target             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Application Dilute | ELISA Dilution: 1:2,000 - 1:10,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500                                                                                                                                                                                                                                                                                                                                                    |
| Application Notes  | This product has been assayed against 1.0 µg of Mouse IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 is suggested for this product.                                                                                                                                                                                                             |