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## Product Datasheet

### Goat F(ab)2 anti-Rat IgG (Fc)-RPE, MinX Bo,Ho,Hu DNA-SEC-183871

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Goat F(ab)2 anti-Rat IgG (Fc)-RPE, MinX Bo,Ho,Hu                                                                                                                                                                                                              |
| Biozol Catalog Number      | DNA-SEC-183871                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183871                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183871                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Goat                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FACS,IF                                                                                                                                                                                                                                                       |
| Species Reactivity         | Rat                                                                                                                                                                                                                                                           |
| Immunogen                  | Rat IgG F(c) fragment                                                                                                                                                                                                                                         |
| Conjugation                | RPE                                                                                                                                                                                                                                                           |
| Format                     | F(ab')2                                                                                                                                                                                                                                                       |
| Target Specificity         | IgG (Fc)                                                                                                                                                                                                                                                      |
| Cross-Adsorption (MinX)    | Bovine,Equine,Human                                                                                                                                                                                                                                           |
| Product Description        | F(ab)2 Anti-Rat IgG F(c) Phycoerythrin Antibody was generated in goat and detects specifically Rat IgG F(c). Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration mus... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration      | 0.5 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 IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Rat IgG, Rat IgG F(c) and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(ab) or Bovine, Horse and Human Serum 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 | Flow Cytometry Dilution: 1:100 - 1:250, IF Microscopy Dilution: 1:100 - 1:250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes  | 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. The maximum amount of reagent required to stain $1 \times 10^6$ cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.                              |