

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Goat Anti-Bovine IgG F(ab)2 Antibody Fluorescein Conjugated - 201-1204, FITC, Polyclonal DNA-SEC-182480

|                            |   |
|----------------------------|---|
| Article Name               | Goat Anti-Bovine IgG F(ab)2 Antibody Fluorescein Conjugated - 201-1204, FITC, Polyclonal  |
| Biozol Catalog Number      | DNA-SEC-182480  |
| Supplier Catalog Number    | DNA-SEC-182480  |
| Alternative Catalog Number | DNA-SEC-182480  |
| Manufacturer               | dianova   |
| Host                       | Goat  |
| Category                   | Antikörper  |
| Application                | FLISA,FACS,IF   |
| Species Reactivity         | Bovine  |
| Immunogen                  | Bovine IgG F(ab)2 fragment  |
| Conjugation                | FITC  |
| Format                     | IgG   |
| Target Specificity         | IgG (F(ab')2)   |
| Cross-Adsorption (MinX)    | no cross-adsorbtion   |
| Product Description        | Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglu... |

|                    |   |
|--------------------|---|
| Clonality          | Polyclonal  |
| Isotype            | Ig  |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  |
| Purity             | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-fluorescein, anti-Goat Serum, Bovine IgG, Bovine IgG F(ab)2 and Bovine Serum. No reaction was observed against Bovine IgG F(c).   |
| Form               | Lyophilized   |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,Azide/BSA free  |
| Target             | Bovine  |
| Antibody Type      | Secondary Antibody  |
| Application Dilute | FLISA Dilution: 1:10,000 - 1:1:50,000, Flow Cytometry Dilution: 1:500 - 1:2,500, IF Microscopy Dilution: 1:1,000 - 1:1:5,000  |
| 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. 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. |