

Product Datasheet

Rabbit Sheep IgG (Fc specific), conjugated with FITC Antibody (orb21552)

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| Catalog Number | orb21552 |
| Category | Antibodies |
| Description | Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal rabbit antiserum to sheep IgG, Fc specific. In direct staining of cytoplasmic IgG in fixed sheep cells and tissue substrates; to identify circulating IgG antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of sheep in the middle layer of the test procedure. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working dilutions are usually between 1:20 and 1:80. |
| Clonality | Polyclonal |
| Species/Host | Rabbit |
| Conjugation | FITC |
| Reactivity | Sheep |
| Form/Appearance | FITC-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. |
| RRID | AB_10928289 |
| Specificity | Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Rabbit antiSerum to Sheep IgG, Fc specific. |
| Antibody Type | Secondary Antibody |

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| Source | Purified normal IgG isolated from pooled sheep serum. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Storage | The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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