

Product Datasheet

Sheep Rat IgG Fab, conjugated with Horseradish peroxidase Antibody (orb21660)

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| Catalog Number | orb21660 |
| Category | Antibodies |
| Description | <p>Horseradish peroxidase-conjugated IgG fraction of polyclonal sheep antiserum to rat Fab of IgG. Direct staining of fixed cell and tissue substrates; to demonstrate the intracellular presence of free or Ig-bound subunits of both kappa or lambda type. In general this conjugate is not recommended as direct or indirect screening reagent for If isotypes on surface membranes of vital lymphoid cells. The activity to the common Ig/Fab subunit may result in the staining of immunoglobulins bound to the Fc-receptors on non-lymphoid cells. Combinations of isotype-specific reagents should be used instead for this purpose. 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 for histochemical and cytochemical use are usually between 1:100 and 1:500; in ELISA and comparable non-precipitating antibody-binding assays between 1:500 and 1:5,000.</p> |
| Clonality | Polyclonal |
| Species/Host | Sheep |
| Conjugation | HRP |
| Reactivity | Rat |
| Form/Appearance | Horseradish peroxidase-coupled purified hyperimmune sheep IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added. |
| RRID | AB_10923254 |

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|----------------------|---|
| Specificity | Horseradish peroxidase-conjugated IgG fraction of polyclonal Sheep antiSerum to Rat Fab of IgG. |
| Antibody Type | Secondary Antibody |
| Source | Purified normal Fab of polyclonal IgG isolated from pooled rat 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 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 |

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