

## **Product Datasheet**

## Rabbit Mouse IgG1 IgG2a IgG2b IgG3 IgA IgM (heavy and light chains), conjugated with Horseradish peroxidase Antibody (orb22100)

Catalog Number orb22100

**Category** Antibodies

**Description** Horseradish peroxidase-conjugated IgG fraction of polyclonal rabbit antiserum to

Mouse IgG, IgA and IgM, heavy and light chains. In enzyme-immunocytochemical and immunohistochemical staining for the detection of cytoplasmic Ig at the cellular and subcellular level by staining of appropriately treated cell and tissue

substrates, and to demonstrate circulating antibodies in serodiagnostic

microbiology and autoimmune diseases. The presence of activity to the common

Ig/Fab subunit may result in the staining of immunoglobulins bound to Fc-receptors on non-lymphoid cells. Combinations of isotype-specific reagents or GAM/Ig(Fc)/PO 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 1:2,000 and 1:20,000.

**Clonality** Polyclonal

Species/Host Rabbit

Conjugation HRP

**Reactivity** Mouse

**Form/Appearance** Peroxidase-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\_10916516

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Antibody Type Secondary Antibody

**Source** Purified polyclonal mouse IgG, and homogenous IgA and IgM isolated from

mouse 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. Spun down to remove insoluble particles, divided into small aliquots, frozen and stored 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.