

Product Datasheet

Rabbit Mouse IgG1 IgG2a IgG2b IgG3 (Fc specific), conjugated with Biotin Antibody (orb21671)

Catalog Number orb21671

Antibodies Category

Description Biotin-conjugated IgG fraction of polyclonal rabbit antiserum to Mouse IgG, Fc

> specific. In immunocytochemical and immunohistochemical staining of IgG at the cellular and subcellular level of appropriately treated cell and tissue substrates; to demonstrate circulating IgG antibodies in serodiagnostic microbiology and auto- immune diseases; to identify a specific antigen using a reference antibody of mouse origin known to be of the IgG isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgG in mouse serum or other body fluids. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. This immunoconjugate is not prediluted. 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 1:1,000 and 1:8,000.

Clonality Polyclonal

Species/Host Rabbit

Conjugation Biotin

Reactivity Mouse

Form/Appearance Biotin-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. IgG protein concentration 10 mg/ml.

Biotin/IgG protein molar rati

RRID

AB 10735539

Biorbyt Ltd.

7 Signet Court, Swann Road Cambridge

CB5 8LA United Kingdom

Email: info@biorbyt.com, support@biorbyt.com Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558 **Biorbyt LLC**

68 TW Alexander Drive Research Triangle Park

Durham NC 27713 **United States**

Email: info@biorbyt.com, support@biorbyt.com Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558





Antibody Type Secondary Antibody

Source Purified normal IgG, including all known subclasses, isolated from pooled 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 $+4^{\circ}$ 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 $+4^{\circ}$ 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

Biorbyt Ltd.

7 Signet Court, Swann Road Cambridge CB5 8LA United Kingdom

Email: <u>info@biorbyt.com</u>, <u>support@biorbyt.com</u>
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive Research Triangle Park Durham NC 27713 United States

Email: $\underline{info@biorbyt.com}$, $\underline{support@biorbyt.com}$ Phone: $\underline{+1 (415) 906-5211}$ | Fax: $\underline{+1 (415) 651-8558}$