

Product Datasheet

Goat Rat IgG1 IgG2a IgG2b IgG2c IgA IgM (heavy and light chains) (non Human and Mouse), conjugated with FITC Antibody (orb22089)

Catalog Number	orb22089
Category	Antibodies
Description	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal goat antiserum to rat IgG, IgA and IgM, heavy and light chains, adsorbed for human and mouse cross-reactivity. Direct immunofluorescence staining of monoclonal rat monoclonal antibodies in the presence of human cell or serum components at the cellular and subcellular level. 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	Goat
Conjugation	FITC
Reactivity	Rat
Form/Appearance	FITC-coupled purified hyperimmune goat 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_10924077
Specificity	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Goat antiSerum to Rat IgG, IgA and IgM, heavy and light chains, adsorbed for Human and Mouse cross-reactivity.

Biorbyt Ltd.

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

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Antibody Type	Secondary Antibody
Source	Purified polyclonal rat IgG, and homogenous IgA and IgM isolated from 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
Expiration Date	12 months from date of receipt.

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