

## Product Datasheet

# Goat Rat IgG1 IgG2a IgG2b IgG2c IgA IgM (Fc specific), conjugated with FITC Antibody (orb22069)

<b>Catalog Number</b>	orb22069
<b>Category</b>	Antibodies
<b>Description</b>	<p>Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal goat antiserum to rat IgG, IgA and IgM, Fc specific. Direct immunofluorescence staining of cytoplasmic Ig of appropriately treated cell and tissue substrates; to demonstrate immunoglobulins or specific antibodies in cells and tissues; to identify circulating antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of rat origin in the middle layer of the indirect test procedure. The absence of activity to the common Ig/Fab subunit prevents the reaction of this conjugate with immunoglobulins binds to Fc receptors on non-lymphoid cells. 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.</p>
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Conjugation</b>	FITC
<b>Reactivity</b>	Rat
<b>Form/Appearance</b>	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.

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<b>RRID</b>	AB_10917126
<b>Specificity</b>	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Goat antiSerum to Rat IgG, IgA and IgM, Fc specific.
<b>Antibody Type</b>	Secondary Antibody
<b>Source</b>	Purified polyclonal IgG and homogenous IgA and IgM isolated from rat serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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