

Product Datasheet

Goat Rat IgG1 IgG2a IgG2b IgG2c IgA IgM (heavy and light chains), conjugated with Horseradish peroxidase Antibody (orb22087)

Catalog Number	orb22087
Category	Antibodies
Description	<p>Horseradish peroxidase-conjugated IgG fraction of polyclonal goat antiserum to rat 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. 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 1:10,000.</p>
Clonality	Polyclonal
Species/Host	Goat
Conjugation	HRP
Reactivity	Rat
Form/Appearance	<p>Peroxidase-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.</p>
RRID	AB_10939468

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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 product.
Note	For research use only

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