

## Product Datasheet

# Donkey anti Goat IgG (heavy and light chains), conjugated with Biotin (orb22021)

<b>Description</b>	Biotin-conjugated IgG fraction of polyclonal donkey antiserum to goat IgG, heavy and light chains. To identify and measure IgG, antigen or antibody, at the cellular and subcellular level by immuno- fluorescence staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of goat origin in the middle layer of the indirect test procedure. As an extra step an avidin or streptavidin of the user's choice has to be used. 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 no-precipitating antibody-binding assays between 1: 1,000 and 1:10,000.
<b>Species/Host</b>	Donkey
<b>Conjugation</b>	Biotin
<b>Preservatives</b>	Biotin-coupled purified hyperimmune donkey IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added.
<b>Form/Appearance</b>	Biotin-coupled purified hyperimmune donkey IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added.
<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 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.
<b>Note</b>	For research use only

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<b>Clonality</b>	Polyclonal
<b>Source</b>	Purified normal IgG isolated from pooled goat serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Hazard Information</b>	This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. This datasheet is as accurate as reasonably achievable, but Biorbyt accepts no liability for any inaccuracies or omissions in this information.
<b>Expiration Date</b>	12 months from date of receipt.

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