Product Datasheet

Swine Human IgG IgA IgM (heavy and light chains), conjugated with FITC Antibody (orb22073)

Catalog Number	orb22073
Category	Antibodies
Description	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal swine antiserum to human IgG, IgA and IgM, heavy and light chains. 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 human origin in the middle layer of the indirect test procedure. The presence of activity to the common Ig/Fab subunit may result in the staining of immunoglobulins bound to Fc receptors on non-lymphoid cells. Combinations of isotype specific reagents or the GAHu/Ig(Fc)/FITC conjugate should be used instead for this purpose. 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	Porcine
Conjugation	FITC
Reactivity	Human
Form/Appearance	FITC-coupled purified hyperimmune swine 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_10949220

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Specificity	Fluorescein isothiocyanate–conjugated IgG fraction of polyclonal Swine antiSerum to Human IgG, IgA and IgM, heavy and light chains.
Antibody Type	Secondary Antibody
Source	Purified polyclonal human IgG, and IgA and IgM containing factions isolated from human 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. Spun down to remove insoluble particles, divided into small aliquots, frozen and stored 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
Note	For research use only
Expiration Date	12 months from date of receipt.

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