

Product Datasheet

Sheep Mouse IgG Fab, conjugated with FITC Antibody (orb21730)

Catalog Number	orb21730
Category	Antibodies
Description	<p>Fluorescein isothiocyanate-conjugated F(ab')₂ fragments IgG antibodies of polyclonal rabbit antiserum to mouse Fab IgG. Direct staining of fixed cell and tissue substrates, to demonstrate the intracellular presence of free of Ig bound subunits of both kappa and lambda type. The absence of the Fc domain in the conjugate ensures minimal interaction with the tissue components and cell surfaces other than the primary antibody activity. This conjugate is primarily intended for use in cell surface membrane staining procedures, to identify and quantitate Ig on B cells, especially if interference by Fc activity is expected. 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>
Clonality	Polyclonal
Species/Host	Sheep
Conjugation	FITC
Reactivity	Mouse
Form/Appearance	<p>FITC-coupled purified hyperimmune sheep 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_10938946

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Specificity	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Sheep antiSerum to Mouse Fab of IgG.
Antibody Type	Secondary Antibody
Source	Purified normal Fab of mouse polyclonal IgG. 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 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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