

Product Datasheet

Sheep Mouse IgG2a (subclass specific), conjugated with TRITC Antibody (orb21376)

Catalog Number	orb21376
Category	Antibodies
Description	<p>Tetramethylrhodamine isothiocyanate-conjugated IgG fraction of polyclonal sheep antiserum to Mouse IgG2a, subclass specific. In immunocytochemical and immunohistochemical single and double staining for the detection of IgG2a at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; as indicating second antibody conjugate to analyze or separate human cells after reacting with monoclonal mouse antibodies in immunofluorescence microscopy, fluorescence activated cell sorting and flow cytometry; to identify and measure IgG2a in mouse serum or other body fluids. 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, depending on the method used.</p>
Clonality	Polyclonal
Species/Host	Sheep
Conjugation	TRITC
Reactivity	Mouse
Form/Appearance	TRITC-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.
RRID	AB_10935170

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Specificity	Tetramethylrhodamine isothiocyanate-conjugated IgG fraction of polyclonal Sheep antiSerum to Mouse IgG2a, subclass specific.
Antibody Type	Secondary Antibody
Source	Pools of purified homogenous IgG2a isolated from mouse serum of strains belonging to the allelic types Igh-1a and Igh-1b. 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 immunoconjugate.
Note	For research use only
Expiration Date	12 months from date of receipt.

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