

## Product Datasheet

# Rabbit Mouse IgG2 (subclass specific), conjugated with TRITC Antibody (orb21391)

<b>Catalog Number</b>	orb21391
<b>Category</b>	Antibodies
<b>Description</b>	<p>Tetramethylrhodamine isothiocyanate-conjugated IgG fraction of polyclonal rabbit antiserum to Mouse IgG2, subclass specific. In immunocytochemical and immunohistochemical single and double staining for the detection of IgG2 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 IgG2 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 1:10 and 1:40, depending on the method used.</p>
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	TRITC
<b>Reactivity</b>	Mouse
<b>Form/Appearance</b>	TRITC-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity.
<b>RRID</b>	AB_10925475

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<b>Specificity</b>	Tetramethylrhodamine isothiocyanate-conjugated IgG fraction of polyclonal Rabbit antiSerum to Mouse IgG2, subclass specific
<b>Antibody Type</b>	Secondary Antibody
<b>Source</b>	Pools of purified homogenous IgG2a and IgG2b 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.
<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 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
<b>Expiration Date</b>	12 months from date of receipt.

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