

Product Datasheet

Mouse anti Human IgG2 (Fc subclass specific), conjugated with Biotin (orb22263)

Catalog Number	orb22263
Description	<p>Biotin-conjugated purified monoclonal mouse antibody to human IgG2, subclass specific. To identify the presence of IgG2 in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, immunoperoxidase staining of cytoplasmic IgG2, and immunoblotting. As a second step an avidin or streptavidin conjugate of the customer's choice have to be used. The optimum working dilution is an assay-related characteristic. It may vary widely and should always be determined by titration. For histochemical use optimum dilutions are mostly from 1:50 to 250; in ELISA from 1:100 upwards; in Western blotting from 1:500 upwards. Working dilutions may vary widely, strongly depending on the test conditions. These data should be interpreted as general recommendations only.</p>
Species/Host	Mouse
Reactivity	Human
Conjugation	Biotin
Preservatives	<p>Purified monoclonal mouse IgG1 kappa conjugated with biotin, lyophilized from a solution in phosphate buffered saline (pH7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein added. IgG concentration is 0.4 mg/ml</p>
Form/Appearance	<p>Purified monoclonal mouse IgG1 kappa conjugated with biotin, lyophilized from a solution in phosphate buffered saline (pH7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein added. IgG concentration is 0.4 mg/ml</p>

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Storage	The lyophilized product is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Avoid repeated thawing and freezing. If a slight precipitation occurs upon storage, this should be removed by centrifugation and will not affect the performance of the product. Diluted solutions should be stored at +4°C, not refrozen, and preferably used the same day.
Note	For research use only
Isotype	IgG1
Clonality	Monoclonal
Clone Number	NI 25-1 (HP 6207)
Antibody Type	Secondary Antibody
Source	Highly purified monoclonal IgG2 isolated from pooled human serum.
Hazard Information	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.
Expiration Date	12 months from date of receipt.

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