

## Product Datasheet

### Mouse anti Human IgG4 (pFc subclass specific), conjugated with Biotin (orb22278)

<b>Description</b>	Biotin-conjugated purified monoclonal mouse antibody to human IgG4, subclass specific. To identify the presence of IgG4 in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, immunoperoxidase staining of cytoplasmic IgG4, 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.
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Biotin
<b>Tested Applications</b>	DOT, ELISA, ICC, IHC, WB
<b>Preservatives</b>	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
<b>Form/Appearance</b>	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

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<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	NI 315 (HP 6206)
<b>Antibody Type</b>	Secondary Antibody
<b>Source</b>	Highly purified monoclonal IgG4 isolated from pooled human serum.
<b>Hazard Information</b>	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.
<b>Expiration Date</b>	12 months from date of receipt.

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