

Product Datasheet

Mouse anti Human IgG4 (pFc subclass specific), conjugated with TRITC (orb22281)

Description	Tetramethylrhodamine isothiocyanate-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, indirect immunoperoxidase staining of cytoplasmic IgG4, and immunoblotting using a peroxidase labelled monoclonal antibody against TRITC. 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 1:10 to 1:50; in ELISA from 1:200 upwards; in Western blotting from 1:400 upwards. Working dilutions may vary widely, strongly depending on the test conditions. These data should be interpreted as general recommendations only.
Species/Host	Mouse
Reactivity	Human
Conjugation	TRITC
Tested Applications	ELISA, ICC, IF, IHC
Preservatives	Purified monoclonal mouse IgG1 kappa conjugated with TRITC, 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.
Form/Appearance	Purified monoclonal mouse IgG1 kappa conjugated with TRITC, 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.
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.

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Note	For research use only
Isotype	IgG1
Clonality	Monoclonal
Clone Number	NI 315 (HP 6206)
Antibody Type	Secondary Antibody
Source	Highly purified monoclonal IgG4 isolated from 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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