Datasheet: MCA334B

Description:	CHIMAERIC HUMAN IgG2 ANTI NP
Specificity:	IgG2 ANTI NP (CHIMAERIC)
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	JW183
Isotype:	IgG2
Quantity:	0.5 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Carrier Free	Yes
Approx. Protein Concentrations	1 mg/ml
RRID	AB_322568
Specificity	**Chimaeric Human HUMAN IgG2 anti NP antibody, clone JW183**combines an

	immunoglobulin heavy chain produced by the linking of the antigen-binding, variable region genes of a mouse hybridoma to human constant region genes by *in vitro* DNA recombination procedures. The resulting chimaeric antibody is subsequently expressed by the myeloma cell-line J558L after transfection. The J558L cell-line itself secretes a lambda light chain but no heavy chain. Thus a chimaeric human IgG2 antibody specific for NP has been produced
References	1. Neuberger, M.S. *et al*. (1984) Recombinant antibodies possessing novel effector functions. Nature 312: 604-608. 2. Neuberger, M.S. *et al*. (1985) A hapten-specific chimaeric IgE antibody with human physiological effector function. Nature 314: 268-270. 3. Neuberger, M.S. *et al*. (1986) Construction of novel antibodies by use of DNA transfection: design of plasmid vectors. Trans. R. Soc. Lond. A317: 425-432. 4. Wines, B.D. *et al.* (2003) Soluble FcgammaRIIa inhibits rheumatoid factor binding to immune complexes. Immunology. 109: 246-54.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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