

Datasheet: 0200-0613

Description:	MOUSE ANTI DNA
Specificity:	DNA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AC-30-10
Isotype:	IgM
Quantity:	50 µg

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
Immunohistology - Frozen	▪			1/10
Immunohistology - Paraffin	▪			1/10
ELISA			▪	
Western Blotting			▪	
Immunofluorescence	▪			
Immunoblotting	▪			

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

Species Cross Reactivity

Reacts with: Chicken, Mouse, Rat
Based on sequence similarity, is expected to react with: Amphibia, Insect
N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgM - liquid

Preparation

Purified IgM prepared by gel filtration from ascites

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃) 0.05% Bovine Serum Albumin
Approx. Protein Concentrations	IgM concentration 0.1 mg/ml
Immunogen	Human DNA.
RRID	AB_2092752
Specificity	Mouse anti DNA antibody, clone AC-30-10 reacts with all forms of native and denatured DNA, in all DNA containing species tested so far. It also reacts with lambda DNA and synthetic DNA. It has also been found to react with the following cell lines, XLKE-A6, RVF-SMC, PTK-2, and HeLa.
References	1. Scheer, U. <i>et al.</i> (1987) High sensitivity immunolocalization of double and single-stranded DNA by a monoclonal antibody. Eur J Cell Biol. 43: 358-71. 2. Hansmann, P. <i>et al.</i> (1986) Ultrastructural localization of DNA in two Cryptomonas species by use of a monoclonal DNA antibody Eur J Cell Biol. 42: 152-60
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 #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)
 Human Anti Mouse IgM (HCA040...) [FITC](#)
 Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgM NEGATIVE CONTROL \(MCA692\)](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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