

Datasheet: 0200-0613

Description:	MOUSE ANTI DNA
Specificity:	DNA
Other names:	DEOXYRIBONUCLEIC ACID
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, Amphibia, Insect, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgM - liquid
Preparation	Purified IgM prepared by gel filtration.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide, 0.5% Bovine Serum Albumin.
Approx. Protein Concentrations	IgM concentration 0.1 mg/ml
Immunogen	Human DNA.

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	<ol style="list-style-type: none"> 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	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Shelf Life	12 months from date of despatch.
Health And Safety Information	<p>Material Safety Datasheet documentation available at:</p> <p>Material Safety Datasheet Documentation #10041 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR86...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgM (STAR138...)	Alk. Phos.
Human Anti Mouse IgM (HCA040...)	FITC , HRP

Recommended Negative Controls

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

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