

Datasheet: MCA2634

Description:	MOUSE ANTI ROTAVIRUS
Specificity:	ROTAVIRUS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	0531
Isotype:	IgG2b
Quantity:	0.1 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/20 - 1/200
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence			▪	

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	Viral
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein	IgG concentration 0.1mg/ml

Concentrations

RRID AB_844559

Specificity **Mouse anti rotavirus antibody, clone 0531** reacts with intact rotavirus strains RRV, Wa and bovine, and specifically stains an epitope within the intermediate capsid protein VP6. Also known as the group antigen, it is the most immunogenic of the capsid proteins.

Rotavirus is a member of the Reoviridae family, and is the leading cause of severe gastroenteritis in children worldwide. Seven major groups have been identified, of which three (groups A, B, and C) infect humans. Group A is the most common and widespread.

References 1. Sun, T. *et al.* (2016) Hematopoietic LT β R deficiency results in skewed T cell cytokine profiles during a mucosal viral infection. [J Leukoc Biol. 100 \(1\): 103-10.](#)

Further Reading 1. O'Ryan, M. & Matson, D.O. (2006) New rotavirus vaccines: renewed optimism. [J Pediatr. 149 \(4\): 448-51.](#)
2. Parashar, U.D. *et al.* (2006) Rotavirus and severe childhood diarrhea. [Emerg Infect Dis. 12 \(2\): 304-6.](#)

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: <https://www.bio-rad-antibodies.com/SDS/MCA2634>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

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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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