

Datasheet: MCA2635

BATCH NUMBER 161219

Description:	MOUSE ANTI ROTAVIRUS
Specificity:	ROTAVIRUS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	0541
Isotype:	IgG2a
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 Concentrations	IgG concentration 0.1 mg/ml
RRID	AB_844558
Specificity	<p>Mouse anti rotavirus antibody, clone 0541 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.</p> <p>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.</p>
Further Reading	<ol style="list-style-type: none"> 1. O'Ryan, M. & Matson, D.O. (2006) New rotavirus vaccines: renewed optimism. J Pediatr. 149 (4): 448-51. 2. Parashar, U.D. <i>et al.</i> (2006) Rotavirus and severe childhood diarrhea. Emerg Infect Dis. 12 (2): 304-6.
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>
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

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

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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