Datasheet: MCA2830

Description:	MOUSE ANTI RUBELLA VIRUS CAPSID PROTEIN
Specificity:	RUBELLA VIRUS CAPSID PROTEIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	1C11
Isotype:	IgG1
Quantity:	0.2 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	▪			
Immunoprecipitation			▪	
Western Blotting			▪	
Immunoblotting	▪			
Haemagglutination			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody 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 G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein	IgG concentration 1.0mg/ml

Concentrations	
Immunogen	Purified Rubella virus, strain HPV72
RRID	AB_1125356
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the Sp2/0 mouse myeloma cell line.
Specificity	**Mouse anti Rubella Virus Capsid Protein antibody, clone 1C11** recognizes the capsid protein of the Rubella virus. Rubella virus is a human pathogen that causes Rubella (also known as German measles). Rubella is a mild disease characterised by a low-grade fever and possibly a rash. Infection of a woman during the first trimester of pregnancy is far more serious and can lead to a range of birth defects commonly known as congenital rubella syndrome (CRS). The capsid protein is a non-glycosylated, phosphorylated, disulfide-linked homodimer of 33-38kDa. The protein contains clusters of proline and arginine residues, thought to be involved in binding to the viral RNA to form viral nucleocapsids.
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

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos., HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

Goat Anti Mouse IgG (STAR70...) 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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