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

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](http://www.bio-rad-antibodies.com/protocols).

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<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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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 Concentrations**

IgG concentration 1.0mg/ml

**Immunogen**

Purified Rubella virus, strain HPV72

**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

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) HRP
Rabbit Anti Mouse IgG (STAR12...) RPE
Rabbit Anti Mouse IgG (STAR8...) DyLight®800
Rabbit Anti Mouse IgG (STAR13...) HRP
Goat Anti Mouse IgG (STAR76...) RPE
Goat Anti Mouse IgG (STAR70...) FITC
Goat Anti Mouse IgG (H/L) (STAR117...) Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP
Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP
Rabbit Anti Mouse IgG (STAR9...) FITC
Human Anti Mouse IgG1 (HCA036...) HRP