

## Datasheet: 4175-0127

<b>Description:</b>	MOUSE ANTI ENTEROVIRUS 71
<b>Specificity:</b>	ENTEROVIRUS 71
<b>Other names:</b>	EV71
<b>Format:</b>	Ascites
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	422-8D-4C-4D (10F0)
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 ml

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

	Yes	No	Not Determined	Suggested Dilution
Immunofluorescence	▪			1/500 - 1/2000
Functional Assays	▪			Neat - 1/10

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 the appropriate negative/positive controls.

<b>Target Species</b>	Viral
<b>Product Form</b>	Ascitic Fluid - Liquid
<b>Buffer Solution</b>	Without preservatives
<b>Preservative Stabilisers</b>	None present.
<b>Immunogen</b>	Enterovirus 71 strain BrCr.

**Specificity** **Mouse Anti Enterovirus 71 antibody clone 422-8D-4C-4D (10F0)**, recognizes Enterovirus 71. Enterovirus 71 was first isolated in 1969, and causes potentially fatal disease. Symptoms of infection range from dermatological rash to more serious meningitis and encephalitis. Enterovirus 71 has known localizations of spinal cord and medulla. Mouse Anti Enterovirus 71 antibody clone 422-8D-4C-4D (10F0) will also recognize Coxsackie A16.

**References** 1. Tang, W.F. *et al.* (2007) Reticulon 3 binds the 2C protein of enterovirus 71 and is required for viral replication. [J Biol Chem. 282: 5888-98.](https://doi.org/10.1042/BJC20070088)

**Storage** Store at -20°C only.  
Storage in frost-free freezers is not recommended.

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.

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**Shelf Life** 12 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet Documentation #10194 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf>

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**Regulatory** For research purposes only

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**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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