

Datasheet: 4175-0127

BATCH NUMBER 174649

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

	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.

Target Species	Viral
Product Form	Ascitic Fluid - Liquid
Buffer Solution	Without preservatives
Preservative Stabilisers	None present.
Immunogen	Enterovirus 71 strain BrCr.
RRID	AB_618982
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.](#)

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.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10194 available at:
<https://www.bio-rad-antibodies.com/SDS/4175-0127>

Regulatory

For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M429043:240315'

Printed on 20 Aug 2026