

# Enterovirus 71 3C antibody [B3]

**Cat. No. GTX630191**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Application</b>	WB, FACS
<b>Reactivity</b>	Coxsackievirus A6, Enterovirus 71

[Reference \( 9 \)](#)

**Package**

100 µl, 25 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
FACS	Assay dependent

Not tested in other applications.

**Product Note** This antibody is raised against Enterovirus 71, and it may cross react with Coxsackievirus A6 based on internal testing.

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	No Preservative
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The immunogen used to generate this antibody corresponds to EV71 3C
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated

### Note

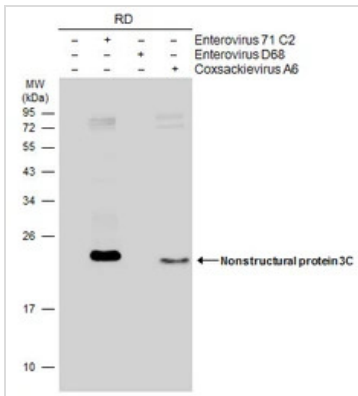
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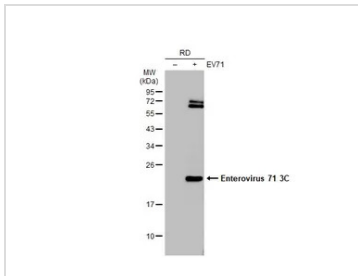
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DATA IMAGES



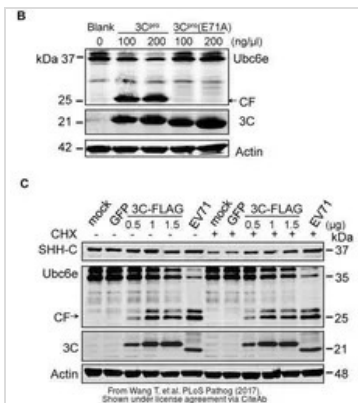
GTx630191 WB Image

Non-infected (–) and infected (+) RD whole cell extracts (20 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus 71 3C antibody [B3] (GTx630191) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



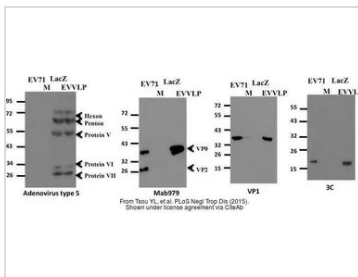
GTx630191 WB Image

Non-infected (–) and infected (+) RD whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus 71 3C antibody [B3] (GTx630191) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



GTx630191 WB Image

The data was published in the journal PLoS Pathog in 2017. [PMID: 28985237](https://doi.org/10.1371/journal.ppat.1005237)



GTx630191 WB Image

The data was published in the journal PLoS Negl Trop Dis in 2015. [PMID: 25855976](https://doi.org/10.1371/journal.pntd.0003976)



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