

Datasheet for ABIN1385106
anti-EV71 VP1 antibody[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	EV71 VP1
Reactivity:	Enterovirus (EV71)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EV71 VP1 antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from EV71 polyprotein VP1
Isotype:	IgG
Cross-Reactivity:	Human, Virus
Cross-Reactivity (Details):	Enterovirus EV71
Purification:	Purified by Protein A.

Target Details

Target:	EV71 VP1
Abstract:	EV71 VP1 Products
Target Type:	Viral Protein
Background:	Synonyms: EV71, Enterovirus 71, VP1 [Human enterovirus 71], polyprotein VP1, Human

Target Details

enterovirus 71.

Background: Enteroviruses, such as enterovirus 71, are classified to be in the picornavirus family, pico [small] + RNA [ribonucleic acid] + virus. Picornaviruses are among the smallest and simplest ribonucleic acid containing viruses known (1). The RNA for many enteroviruses have now been cloned and complete genomic sequences have been obtained. The RNA from all sequenced enteroviruses are similar in length, about 7400 nucleotides, and have identical organization (1). The human alimentary tract is the predominant site of enterovirus replication and these viruses were first isolated from enteric specimens. These viruses are the cause of paralytic poliomyelitis, aseptic meningitis-encephalitis, myocarditis, pleurodynia, hand-foot-and-mouth disease, conjunctivitis, and numerous other syndromes associated with extra-intestinal target organs. There are 67 numbered types of enteroviruses in the enterovirus family (1): three polioviruses, twenty-three coxsackieviruses A, six coxsackieviruses B, thirty-one echoviruses, and four other enteroviruses.

Application Details

Application Notes: ELISA(1:5000-10000)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

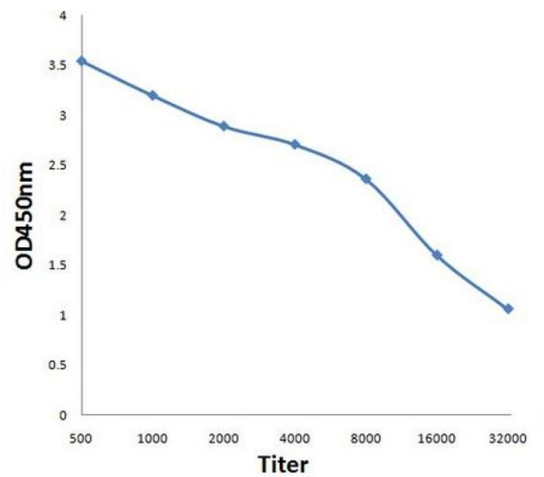
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

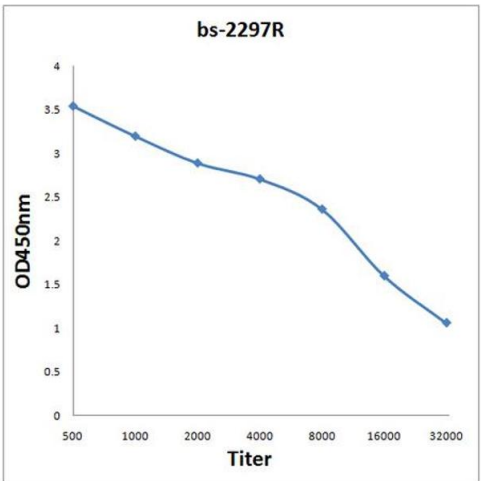
Product cited in: Wang, Zhou, Zhang, Jin, Cardona, Xing: "Intrinsic apoptosis and proinflammatory cytokines regulated in human astrocytes infected with enterovirus 71." in: **The Journal of general**

Images



ELISA

Image 1. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 5000, TMB staining Read the data in Microplate Reader by 450nm,



ELISA

Image 2. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in Microplate Reader by 450nm