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Datasheet for ABIN5002202
anti-EV71 3D antibody (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	EV71 3D
Reactivity:	Virus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EV71 3D antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from EV71 polyprotein 3D
Isotype:	IgG
Cross-Reactivity:	Virus
Cross-Reactivity (Details):	Enterovirus EV71
Purification:	Purified by Protein A.

Target Details

Target:	EV71 3D
Alternative Name:	EV71 polyprotein 3D (EV71 3D Products)
Target Type:	Viral Protein
Background:	Synonyms: 3D polymerase, Human enterovirus 71 polyprotein 3D, EV71, Enterovirus 71.

Target Details

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.

Gene ID: 831

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months