Product name: Anti-Enterovirus 71 antibody

Description: Mouse polyclonal to Enterovirus 71

Host species: Mouse

Specificity: This antibody is specific for the Protein VP1 cleaved chain of Genome polyprotein. The complete proteome is Human enterovirus 71 (Ev71).

Tested applications: Suitable for: WB

Species reactivity: Reacts with: Other species

Immunogen: Full length protein corresponding to Enterovirus 71 aa 1-297. The immunogen is EV71 Protein VP1. This cleaved chain is 297 aa in length and can be found from aa 566 to 862 in the complete proteome of human enterovirus 71 (EV71)

Sequence:

```
GDRVADVIESSIGDSVKALTPALPAPGPTDQVSSHR
LDTGKVAPLQAA
EIGASSNASDESMEITRCVLLNSHSTAEETLDSFFSRAG
LVGEKDPLKGT
TPPNGYANWDDITGAYAQMRRKVELFTYMRFDAETFV
ACTPTGRVVPQL
LQYMFPVGAPKDPDSONSLWPTATNPSCFVKSDDP
PAQVSVPFSPASA
YQWFYDGYP/TGEHQKEKDLEYGACPNNMGTFSVR
TVGSSKSEYSLVIR
YMRRMKHVRAWIPRPMRNQNYLFKSNPNYAGDSSIKPTG
TSRTAITT
```

Database link: Q66478

Positive control: Enterovirus 71 transfected 293T lysate.

Properties

Form: Liquid

Storage buffer  
- pH: 7.20  
- Constituent: 99% PBS

Purity  
- Protein A purified

Clonality  
- Polyclonal

Isotype  
- IgG

Applications

Our Abpromise guarantee covers the use of ab169442 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>WB</td>
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<td>Use a concentration of 1 µg/ml. Predicted molecular weight: 33 kDa.</td>
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Target

Relevance  
Enterovirus 71 was first isolated in 1969. Since then it has been associated with sporadic cases of outbreaks in various parts of the world, including the U.S., Brazil, Europe, Australia, Malaysia, and Taiwan. Entervirus 71 infection may present itself much like other enterovirus infections, with symptoms ranging from asymptomatic to the presentation of rashes, diarrhea, colds, meningitis, encephalitis, hand to foot to mouth disease, myocarditis, or some combination of these syndromes. On the other hand, Entervirus 71 may cause many unusual syndromes such as acute flaccid paralysis (similar to paralytic poliomyelitis), bulbar and brain encephalitis, Guillain Barre syndrome, and rapidly fatal pulmonary edema and hemorrhage.

Images

All lanes: Anti-Enterovirus 71 antibody (ab169442) at 1 µg/ml

Lane 1: Enterovirus 71 transfected lysate  
Lane 2: Non-transfected lysate

Lysates/proteins at 15 µl per lane.

Predicted band size: 33 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"
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