Product datasheet

Anti-Norovirus GII.4 antibody [17E11] ab125039

Overview

Product name: Anti-Norovirus GII.4 antibody [17E11]
Description: Mouse monoclonal [17E11] to Norovirus GII.4
Host species: Mouse
Tested applications: Suitable for: ELISA
Species reactivity: Reacts with: Other species
General notes: pI: 4.6-7.0

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: Constituent: PBS
Purity: Protein A purified
Clonality: Monoclonal
Clone number: 17E11
Isotype: IgG1
Light chain type: kappa

Applications

Our Abpromise guarantee covers the use of ab125039 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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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<td>ELISA</td>
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<td>Use at an assay dependent dilution.</td>
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Relevance

Noroviruses (NoV) are a genetically diverse group of single stranded RNA, nonenveloped viruses belonging to the Caliciviridae family. Noroviruses can genetically be classified into 5 different genogroups (GI, GII, GIII, GIV, and GV) which can be further divided into different genetic clusters or genotypes. For example genogroup II, the most prevalent human genogroup, presently contains 19 genotypes. Genogroups I, II and IV infect humans, whereas genogroup III infects bovine species and genogroup V has recently been isolated in mice. Noroviruses commonly isolated in cases of acute gastroenteritis belong to two genogroups: genogroup I (GI) includes Norwalk virus, Desert Shield virus and Southampton virus and II (GII) which includes Bristol virus, Lordsdale virus, Toronto virus, Mexico virus, Hawaii virus and Snow Mountain virus. Noroviruses contain a positive-sense RNA genome of approximately 7.5 knt, encoding a major structural protein (VP1) of about 58~60 kDa and a minor capsid protein (VP2). The virus particles demonstrate an amorphous surface structure when visualized using electron microscopy and are between 27-38 nm in size.

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