Product datasheet

Anti-Vibrio cholerae O1 antibody ab79794

1 References

Overview

Product name                        Anti-Vibrio cholerae O1 antibody
Description                        Rabbit polyclonal to Vibrio cholerae O1
Host species                        Rabbit
Specificity                        ab79794 recognizes Vibrio cholerae somatic O1 antigen Factors A, B and C.
Tested applications                Suitable for: Agglutination
Species reactivity                 Reacts with: Other species
Immunogen                          Tissue/cell preparation of Vibrio cholerae O1 (heat inactivated).
Positive control                   Antigenic suspension.
General notes                      Reagents should be allowed to stand at 15°C - 25°C for at least 30 minutes prior to use.

Properties

Form                                Liquid
Storage instructions               Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze/thaw cycle.
Storage buffer                     Preservative: 0.08% Sodium azide
                                    Constituent: Whole serum
Purity                              Whole antiserum
Clonality                          Polyclonal
Isotype                            IgG

Applications

Our Abpromise guarantee covers the use of ab79794 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>Agglutination</td>
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<td>Use at an assay dependent concentration.</td>
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<td>See attached protocol.</td>
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**Relevance**

*Vibrio cholerae* is a motile gram negative curved rod shaped bacterium with a polar flagellum that causes cholera in humans. Serological typing of *Vibrio cholerae* is based on its O somatic antigens and it is classified in to more than 200 types. Of these, serotype O1 and O139 are the causative agents of cholera, a highly contagious disease characterised by severe diarrhea due to toxin production. *V. cholerae* O1 strains are classified into biovar classical type and biovar eltor type according to their biological characteristics. *V. cholerae* O1 antigen consists of at least three types of antigenic factor: A, B, and C. *V. cholerae* O1 strains are also classified into serovar Ogawa and serovar Inaba according to the presence of factor B. Moreover, the transitional type from serovar Ogawa to serovar Inaba may be referred to as serovar Hikojima.

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

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