Anti-Vibrio cholerae O1 antibody ab79794

**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 into 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.

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

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