

## Product datasheet

# Anti-Vibrio parahaemolyticus K71 antibody ab79572

### Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-Vibrio parahaemolyticus K71 antibody  |
| <b>Description</b>         | Rabbit polyclonal to Vibrio parahaemolyticus K71   |
| <b>Host species</b>        | Rabbit   |
| <b>Specificity</b>         | Specific to Vibrio parahaemolyticus capsular K71 antigen.                                |
| <b>Tested applications</b> | <b>Suitable for:</b> Agglutination   |
| <b>Species reactivity</b>  | Reacts with Vibrio parahaemolyticus K71  |
| <b>Immunogen</b>           | Tissue/ cell preparation of Vibrio parahaemolyticus K71 (heat inactivated).              |
| <b>Positive control</b>    | Antigenic suspension.  |
| <b>General notes</b>       | Reagents should be allowed to stand at 15°C - 25°C for at least 30 minutes prior to use. |

### Properties

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

### Applications

Our [Abpromise guarantee](#) covers the use of **ab79572** in the following tested applications.

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

| Application   | Abreviews | Notes  |
|---------------|-----------|--|
| Agglutination |           | Use at an assay dependent concentration.<br>See attached protocol. |

## Target

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### Relevance

*Vibrio parahaemolyticus* is a curved, rod-shaped, Gram-negative bacterium found in brackish saltwater, which, when ingested, causes gastrointestinal illness in humans. *Vibrio parahaemolyticus* is oxidase positive, facultatively aerobic, and does not form spores. Like other members of the genus *Vibrio*, this species is motile, with a single, polar flagellum. While infection can occur via the fecal-oral route, ingestion of bacteria in raw or undercooked seafood, usually oysters, is the predominant cause the acute gastroenteritis caused by *Vibrio parahaemolyticus*. Wound infections also occur, but are less common than seafood-borne disease. The disease mechanism of *Vibrio parahaemolyticus* infections has not been fully elucidated. However, most clinical disease results from strains that carry either the thermostable direct hemolysin gene (tdh) or the tdh-related hemolysin gene (trh) or both genes.

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