



# Magic™ Mouse Anti-Salmonella LPS Core Monoclonal antibody, clone 794EG2 (CABT-RM255)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |   |
|---------------------------|---|
| <b>Specificity</b>        | LPS core. No reactivity with related bacteria                             |
| <b>Target</b>             | Salmonella LPS Core   |
| <b>Isotype</b>            | IgG3  |
| <b>Source/Host</b>        | Mouse   |
| <b>Species Reactivity</b> | Salmonella  |
| <b>Clone</b>              | 794EG2  |
| <b>Purification</b>       | Protein A Purified,>90%   |
| <b>Conjugate</b>          | unconjugated  |
| <b>Applications</b>       | ELISA (cap), LFIA, IFA  |
| <b>Format</b>             | Liquid  |
| <b>Size</b>               | 1 mg  |
| <b>Buffer</b>             | 10 mM Phosphate Buffered Saline, pH 7.2                                   |
| <b>Preservative</b>       | 0.1% Sodium Azide   |
| <b>Storage</b>            | Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing. |
| <b>Ship</b>               | Cold Packs  |

# BACKGROUND

## Introduction

Salmonella is a gram-negative, rod-shaped (bacillus) bacteria genus that belongs to the family Enterobacteriaceae. Salmonella contains two species: *Salmonella enterica* and *Salmonella bongori*. The type species is *Salmonella enterica* (S. *enterica*), which is widely found in warm-blood animals all over the world. *Salmonella enterica* can be further catalogued into 6 subspecies, with more than 2,500 serotypes. *Salmonella bongori* (S. *bongori*), however, is restricted to cold-blooded animals, particularly reptiles. Species of *Salmonella* are facultative intracellular pathogens.

## Keywords

Salmonella; *Salmonella* species; *Salmonella* LPS