



Magic™ Anti-Salmonella Group A, B, C, D, E, F and G Monoclonal antibody, Clone C457N (DCAB-TJ061)

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

PRODUCT INFORMATION

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| Specificity | Specific for common LPS core of Salmonella. Positive for all Salmonella O-serogroups tested: A, B, C1, C2, D, E1, E3, E4, F, G1 and G2. Negative for E. coli (mix), Klebsiella, Citrobacter, Pseudomonas, Yersinia, Shigella, Proteus and Legionella. |
| Target | Salmonella Group A, B, C, D, E, F and G |
| Immunogen | Mixture of 4 Salmonella serotypes (whole organisms). |
| Isotype | IgG3 |
| Source/Host | Mouse |
| Species Reactivity | Salmonella |
| Clone | C457N |
| Purification | > 90% pure. Protein A Chromatography |
| Conjugate | Unconjugated |
| Applications | Suitable for use in ELISA (LPS extraction recommended) and IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Suggested pair for testing (Capture - Detection): DCAB-TJ059 - DCAB-TJ061 |
| Procedure | Matched Antibody Pairs |
| Format | Purified, Liquid |
| Concentration | 100 µg/mL (OD280 nm, E0.1% = 1.3) |
| Size | 100 µg |
| Buffer | 0.01 M PBS, pH 7.2 Product contains no stabilizing proteins. |
| Preservative | 0.1% Sodium Azide |

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| Storage | Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. |
| Warnings | Centrifuge before opening to ensure complete recovery of vial contents. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains. |

BACKGROUND

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| Introduction | <p>Salmonella is a genus of rod-shaped, Gram-negative bacteria. There are only two species of Salmonella, Salmonella bongori and Salmonella enterica, of which there are around six subspecies and innumerable serovars. The genus belongs to the same family as Escherichia, which includes the species E.coli. Salmonellae are found worldwide in both cold-blooded and warm-blooded animals, and in the environment. They cause illnesses such as typhoid fever, paratyphoid fever, and food poisoning.</p> |
| Keywords | Salmonella Spp.; Salmonella Species (A, B, C, D, E, F and G Groups); Salmonella Species; Salmonella. Spp (A, B, C, D, E, F and G Groups) |
