



Magic™ Anti-Salmonella Group A, B, C, D, E, F and G Monoclonal antibody, Clone C454N (DCAB-TJ059)

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

PRODUCT INFORMATION

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	IgG2a
Source/Host	Mouse
Species Reactivity	Salmonella
Clone	C454N
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

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

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)
