

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: C86109M **Lot #:** 6K31317

Description: MAb to Salmonella (ABD Groups)
Monoclonal Antibody to Salmonella Species (A, B and D Groups)

Specificity: Cross-reacts with *Salmonella paratyphi*, *Salmonella typhimurium*, *Salmonella enteritidis*, *Salmonella anatum*, and *Salmonella selandia*. Does not cross react with *Salmonella choleraesuis*, *Salmonella newport*, *E. coli* 055:B5, *E. coli* K12, and *Klebsiella pneumoniae*. Antigen Determinant: 0-12

Host Animal: Mouse. Hybridization of myeloma Sp2/0 cells
with spleen cells of BALB/c mice. **Isotype:** IgG₁

Source: Ascites

Immunogen: Heat inactivated bacterial cells of *Salmonella paratyphi* (Group A), *Salmonella typhimurium* (Group B) and *Salmonella enteritidis* (Group D).

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE). Protein G Chromatography

Concentration: 2.6 mg/mL (OD280nm, E^{0.1%} = 1.4)

Affinity Constant:

LPS Group A	2.1×10^9
LPS Group B	1.1×10^9
LPS Group D	6.5×10^8
LPS Group E	1×10^6

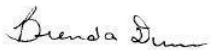
Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA, Dot Blot and Immunofluorescence. 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.

Storage: Store at 2–8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.



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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY