

CERTIFICATE OF ANALYSIS

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

Catalog #: C86309M **Lot #:** 7G18622

Description: MAb to *Salmonella typhimurium*
Monoclonal Antibody to *Salmonella typhimurium*

Specificity: Reactive with Lipopolysaccharides of *Salmonella typhimurium* (Group B).

Host Animal: Mouse **Isotype:** IgG₁

Immunogen: Lipopolysaccharides of *Salmonella typhimurium*.

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 5.7 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservatives: 0.09% Sodium Azide

Applications: Suitable for use in ELISA. 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.

References: The references listed below are for research purposes only:

1. Marsman, M., et al., (2004), "Dynein-mediated Vesicle Transport Controls Intracellular Salmonella Replication", *Molecular Biology of the Cell*, **15**: 2954–2964.
2. Knodler, Leigh A., et al., (2005), "The Salmonella Effector PipB2 Affects Late Endosome/Lysosome Distribution to Mediate Sif Extension", *Molecular Biology of the Cell*, **16**, 4108–4123.

Quality Signature:



05 Jul 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY