

CERTIFICATE OF ANALYSIS

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

Catalog #: C86135M **Lot #:** 11D11922

Description: MAb to *Legionella pneumophila* LPS
Monoclonal Antibody to *Legionella pneumophila* LPS Philadelphia 1 strain.

Specificity: Reacts with LPS membrane of *Legionella pneumophila*. Does not cross-react with *Legionella pneumophila* serogroups 2, 6, 7, 10 and 11, *Legionella bozemanii*, *Legionella lonbeachae*, *Legionella micdadei*, *Corynebacterium diphtheria*, *Pseudomonas fluorescens*, *Pseudomonas cepacia*, *Pseudomonas aeruginosa*, *Bordetella pertussis*, *Leptospira interrogans* (Australia, Pomona, Icterogemorrhagia), *Toxoplasma gondii*, *Hemophilus*, influenza (type B), *Hemophilus ducreyi*, *Brucella abortus*, *Bacillus anthracis*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Mycobacterium tuberculosis*, *Neisseria meningitidis*, *Pasteurella multocida*, *Proteus vulgaris*, *Shigella sonnei*, *Staphylococcus faecalis*, *Streptococcus puogenes*, *Streptococcus pneumoniae*, *Yersinia pseudotuberculosis*, *Yersinia pestis* EV76, *Salmonella typhi*, *Escherichia coli* K88 and *Francisella tularensis* 15. Cross-reaction with *Legionella pneumophila* serogroups 3 and 4 have not been tested.

Host Animal: Mouse **Isotype:** IgG₃

Source: Ascites

Immunogen: Membrane fraction of *Legionella pneumophila*, strain Philadelphia 1.

Format: Purified, Liquid

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

Concentration: 4.3 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 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.

Recommended pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C86135M	C01685M

Storage: Store at 2–8°C.

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

Quality Signature:



02 May 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY