

CERTIFICATE OF ANALYSIS

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

Catalog #: C01941M **Lot #:** 3F17521

Description: MAb to *Mycoplasma pneumoniae*
Monoclonal Antibody to *Mycoplasma pneumoniae*

Specificity: Specific to *Mycoplasma pneumoniae*, P30. Does not cross-react with *M. fermentans*, *M. genitalium*, *M. salvarium*, *M. hominis* and *M. orale*.

Host Animal: Mouse **Isotype:** IgG_{2b}

Immunogen: *Mycoplasma pneumoniae* FH

Source: Ascites

Format: Purified, Liquid

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

Concentration: 5.1 mg/mL (OD280nm, E^{0.1%} = 1.38)

Buffer: Phosphate Buffered Saline, 1.5 mM Monopotassium Phosphate (KH₂PO₄), 8.0 mM Disodium Phosphate (Na₂HPO₄), 3 mM Potassium Chloride (KCl), 140 mM Sodium Chloride (NaCl), pH 7.4.

Preservative: 0.05% Sodium Azide

Applications: Suitable for use in sandwich ELISA and Lateral Flow. 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 antibody pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>	<u>Antigen</u>
C01941M	C01939M	Not Determined
C01941M	C01940M	R02102

Storage: Store at 2-8°C.

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

Quality Signature: 

24 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY