Mouse Anti-Mycoplasma pneumonia Monoclonal Antibody

Mouse, Monoclonal (Mycoplasma pneumoniae)
Cat. No. DMAB3980
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Monoclonal Antibody to Mycoplasma pneumoniae
Specificity: Reacts with multiple bands of Mycoplasma pneumoniae on Western blot. Negative with uninfected cells.
Immunogen: Partially-purified Mycoplasma pneumoniae
Clone: C752M
Isotype: IgG1
Host animal: Mouse
Source: Ascites
Format: Purified, Liquid
Applications: Suitable for use in ELISA, IFA and Western blot. 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.
Purification: >90% pure. Protein A chromatography
Affinity Constant: Not determined

BACKGROUND

Introduction: Mycoplasma pneumoniae is a very small bacterium, a member of the class Mollicutes, meaning soft skin. Along with the other members of this class (Acholeplasma, Anaeroplasma, Asteroliplasma, Spiroplasma, and Ureaplasma) Mycoplasma are characterized by their unusually small genome as well as their complete lack of a bacterial cell wall.
Keywords: bacterial pneumonia; M. pneumoniae; Mycoplasma pneumoniae; Firmicutes; Mollicutes; Mycoplasmatales; Mycoplasmataceae; Mycoplasma;

PACKAGING

Concentration: 100μg/ml (OD280nm, E0.1% = 1.3)
Buffer: 0.01M PBS, pH 7.2 This product contains no stabilizing proteins.
Preservative: 0.1% Sodium azide
Storage: Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
Warning: 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.

REFERENCES