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BM3022

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Monoclonal Antibody to Mycoplasma pneumoniae (P1 antigen) - Purified

Catalog No.:	BM3022
Quantity:	1 mg
Concentration:	1.3 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	ME.134
Immunogen:	Mycoplasma pneumoniae (ATCC:PI-1428) whole organism
Format:	State: Liquid, affinity purified immunoglobulin fraction Purification: Protein A chromatography Buffer System: PBS buffer pH 7.2 without preservative
Applications:	ELISA: Detects 1x10 ⁵ whole organism of M. pneumoniae. Western blot. Immunoblots. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts specifically with the 170 kDa P1 cytoadhesion molecule of M. pneumoniae. Does not cross-react with M. genitalium; M. hominis; M. bovis; M. gallisepticum; M. pulmonis; M. hyorhinis; M. orale; M. salivarium; M. hyopneumonia; A. laidlawii, E.coli; S. pyogenes; S. typhimurium; WiDr cells; MRC-5 cells and Daudi cells.
Storage:	Upon receipt, aliquot and store at -20°C to -70°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Geary, S.J., et al., (1993), Development of monoclonal antibodies for detection of Mycoplasma pneumonia: Molecular and Cellular Probes, Vol. 7, pp 133-138.