



MAb to Legionella pneumophila Serogroup 1

Clone	LPS 1-4
Category	Mouse monoclonal
Ig Class	IgG3
Purification	Protein A affinity chromatography
Specificity	LPS 1-4 recognizes heat-resistant <u>L. pneumophila</u> serogroup 1-specific lipopolysaccharid antigen.
Application	<ul style="list-style-type: none">• Direct detection and identification of bacteria in clinical specimens including formalin-fixed lung autopsies.• Detection of soluble serogroup 1 antigen in urine in the early stage of the disease.• Identification of <u>L. pneumophila</u> serogroup 1 isolates in culture.• Suitable for formalin-fixed tissue sections.
Working Dilution	Dilute 1:20 in PBS for immunofluorescence assays.
Reconstitution	Reconstitute with 1 ml dist. water. After reconstitution solution contains 0.5% BSA and 0.09 % Na-azide in PBS. Stable for one year in undiluted form when stored at 2-8°C.
Storage	2-8° C
Quantity	50 µg (lyoph.)
Reference	Sethi KK and H Brandis. Establishment of Hybridoma Cell Lines Secreting Anti-Legionelle pneumophila Serogroup 1 Monoclonal Antibodies with Immunodiagnostic Potential. Zbl. Bakt. Hyg., Abt. Orig. A 255:294-298 (1983)

Cat. No. LPS-P