



Mab to Chlamydia

Clone	ACI
Category	Mouse monoclonal
Purification	Protein A affinity chromatography
Ig Class	IgG ₃
Immunogen	Chlamydia antigen
Specificity	Mab ACI recognizes a genus-specific epitope of the Chlamydia lipopolysaccharide antigen and identifies 15 serotypes of <i>C. trachomatis</i> as well as <i>C. psittaci</i> and <i>C. pneumoniae</i> with a strong fluorescence of the intracellular inclusions, the pinhead-sized extracellular elementary bodies and the free cell-associated Chlamydia lipopolysaccharide antigens (amorphous foci).
Application	<ul style="list-style-type: none">• Immunofluorescence microscopy• Immunohistochemistry• ELISA• Suitable for paraformaldehyde-fixed tissue sections• Detects chlamydia species in clinical specimens after fixation with methanol/acetone (1:1)
Working Dilution	Reconstitute with 1 ml dist. water and dilute 1:100 with PBS (pH 7.4) for immunofluorescence microscopy.
Stability/Storage	After reconstitution stable for 1 year when stored at 2-8°C
Quantity	500 µg (lyoph.); After reconstitution solution contains PBS, 0.5% BSA as stabilizer and 0.09% NaN ₃ as preservative.
Literature	Näher H, Petzoldt D, Sethi KK. Evaluation of non-radioactive in situ hybridisation method to detect Chlamydia trachomatis in cell culture. In: Genitourin Med 64:162-164 (1988)
Cat. No.	ACI-P500