

BM5553P**Monoclonal Antibody to Chlamydia (genus specific) - Purified**

Quantity:	50 µg
Host / Isotype:	Mouse / IgG3
Recommended Isotype Controls:	AM03097PU-N
Clone:	ACI
Immunogen:	Chlamydia antigen
Format:	State: Lyophilized purified IgG fraction. Purification: Affinity Chromatography on Protein A. Buffer System: PBS, pH 7.4 containing 0.5% BSA as stabilizer and 0.09% Sodium Azide as preservative. Reconstitution: Restore with 1 ml dist. water.
Applications:	ELISA. Immunofluorescence Microscopy: 1:100. Immunohistochemistry (paraformaldehyde-fixed tissue sections). Detects chlamydia species in clinical specimens after fixation with Methanol/Acetone: 1/1. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody 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).
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Näher H, Petzoldt D, Sethi KK. Evaluation of non-radioactive in situ hybridisation method to detect Chlamydia trachomatis in cell culture. Genitourin Med. 1988 Jun;64(3):162-4. PubMed PMID: 3410466.