Product datasheet

anti-Chlamydia mouse monoclonal, ACI, supernatant

Short overview

Cat. No.	ACI-C
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG3
Clone	ACI
Immunogen	Chlamydia antigen
Formulation	Contains 0.09% sodium azide
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
Storage	2-8°C
Intended use	Research use only
Application	ELISA, IHC
Reactivity	Chlamydia genus

Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - paraffin	Ready-to-use (microwave treatment recommended)

Background

Mab ACI recognizes a genus-specific epitope of the Chlamydia lipopolysaccharide antigen and identifies all serovars (A-C, D-K, L1-L3) of C. trachomatis as well as Chlamydophila psittaci and Chlamydophila pneumoniae with a strong fluorescence of the intracellular inclusions, the pinhead-sized extracellular elementary bodies and the free cell-associated Chlamydia lipopolysaccharide antigens (amorphous foci). A positive cross-reactivity was al-so reported for Chlamydophila pecorum.

Product images



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References

Publication	Species	Application
Aumayer, H. et al. Chlamydia suis is associated with intestinal NF-ÎºB activation in experimentally infected gnotobiotic piglets. Pathog Dis. 78, ftaa040(2020).	C. spec	IHC (paraffin)
Liebler-Tenorio, E. et al. Regeneration of Pulmonary Tissue in a Calf Model of Fibrinonecrotic Bronchopneumonia Induced by Experimental Infection with Chlamydia Psittaci. Int.J.Mol.Sci. 21, (2020)	C. psittaci	IHC (paraffin)
Borel, N. et al. Chlamydiae in human intestinal biopsy samples. Pathog.Dis. 76,- (2018).	C. trachomatis	IHC (paraffin)
Marti, H. et al. Evaluating the Antibiotic Susceptibility of Chlamydia - New Approaches for in Vitro Assays. Front.Microbiol. 9, 1414 (2018).	C. suis	ICC-IF
Staub, E. et al. Novel Chlamydia species isolated from snakes are temperature-sensitive and exhibit decreased susceptibility to azithromycin. Sci.Rep. 8, 5660 (2018).	C. pneumoniae	ICC-IF