

Datasheet for ABIN933958

anti-Chlamydia Pneumoniae antibody[Go to Product page](#)**2** Publications

Overview

Quantity:	200 µg
Target:	Chlamydia Pneumoniae
Reactivity:	Chlamydomphila pneumoniae
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Chlamydia Pneumoniae antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Chlamydia pneumoniae antibody was raised in Mouse using Chlamydia pneumoniae (TWAR) as the immunogen.
Clone:	M105121
Isotype:	IgG2b
Cross-Reactivity (Details):	Not reactive with C. trachomatis, C. psittaci, or uninfected (human) cells
Purification:	Protein A affinity chromatography
Purity:	> 90 % pure

Target Details

Target:	Chlamydia Pneumoniae
Abstract:	Chlamydia Pneumoniae Products

Target Details

Target Type:	Bacteria
Background:	Chlamydomphila pneumoniae is a species of Chlamydomphila bacteria that infects humans and is a major cause of pneumonia. C. pneumoniae has a complex life cycle and must infect another cell in order to reproduce, thus it is classified as an obligate intracellular pathogen. The full genome sequence for C. pneumoniae was published in 1999. Synonyms: Monoclonal Chlamydia pneumoniae antibody, Anti-Chlamydia pneumoniae antibody.

Application Details

Application Notes:	ELISA: 1:20-1:200, IF: 1:10-1:50, IHC: 1:10-1:50, WB: 1:10-1:50 Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid in 0.01 M phosphate buffered saline, pH 7.2 with 0.1 % sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C.

Publications

Product cited in:	Al-Atrache, Lopez, Hingley, Appelt: "Astrocytes infected with Chlamydia pneumoniae demonstrate altered expression and activity of secretases involved in the generation of β -amyloid found in Alzheimer disease." in: BMC neuroscience , Vol. 20, Issue 1, pp. 6, (2019) (PubMed).
	Freitas, Almeida, Freitas Queiroz, Zaninotto, Fuzii, Ribeiro-Silva, Vallinoto, Ishak, Quaresma, Ishak: "In situ detection of Chlamydia pneumoniae, C. trachomatis, and cytokines among cardiovascular diseased patients from the Amazon region of Brazil." in: Infection and drug

resistance, Vol. 10, pp. 109-114, (2017) ([PubMed](#)).