



# Anti-*C. trachomatis* MOMP Polyclonal antibody (DPAB0176)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Does not react with <i>C. psittacii</i> or <i>C. pneumoniae</i> in MIF. Negative against HEp-2 cells and egg yolk sac.
<b>Target</b>	<i>C. trachomatis</i> MOMP
<b>Immunogen</b>	Purified MOMP from strain L2
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	<i>C. trachomatis</i>
<b>Purification</b>	Purified IgG fraction coupled with the N-Hydroxysuccinimide ester of Biotin under mild conditions to give a high degree of substitution.
<b>Conjugate</b>	Biotin
<b>Applications</b>	Suitable for use with avidin and streptavidin amplification systems for fluorescence microscopy. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Concentration</b>	4-5mg/ml (OD280nm, E0.1% = 1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Short term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

# BACKGROUND

## Introduction

*Chlamydia trachomatis*, an obligate intracellular human pathogen, is one of three bacterial species in the genus *Chlamydia*. *C. trachomatis* is a Gram-negative bacteria, therefore its cell wall components retain the counter-stain safranin and appear pink under a light microscope. Identified in 1907, *C. trachomatis* was the first chlamydial agent discovered in humans.

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## Keywords

Major Outer Membrane Protein; MOMP; omp1; omp1F; Omp1L1; ompA; ompL2; Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia; Chlamydia trachomatis; Rickettsia trachomae; Chlamydozoon trachomatis; *C. trachomatis* MOMP; Chlamydia trachomatis MOMP

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