



Anti-*C. trachomatis* LPS Monoclonal antibody, Clone 2423/395 (DCABY-026)

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

PRODUCT INFORMATION

Specificity	In a simple ELISA this antibody is reactive with 15 serovars of <i>C. trachomatis</i> . The epitope has been shown by Western blotting to be present in LPS.
Target	<i>C. trachomatis</i> LPS
Immunogen	<i>Chlamydia trachomatis</i> L2
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	<i>C. trachomatis</i>
Clone	2423/395
Conjugate	Unconjugated
Applications	ELISA, Western Blot
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Format	Purified IgG - liquid
Size	200 µg
Buffer	Phosphate buffered saline
Preservative	None
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature

the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction

C. trachomatis is a obligate intracellular pathogen and can cause numerous disease states in both men and women. Both sexes can display urethritis, proctitis, trachoma, and infertility. The bacterium can cause prostatitis and epididymitis in men. In women, cervicitis, pelvic inflammatory disease (PID), ectopic pregnancy, and acute or chronic pelvic pain are frequent complications. *C. trachomatis* is also an important neonatal pathogen, where it can lead to infections of the eye (trachoma) and pulmonary complications.

Keywords

C. trachomatis; *Chlamydia trachomatis*; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia; *Rickettsia trachomae* (sic); *Rickettsia trachomatis*; Chlamydozoon trachomatis; Chlamydia Trachomatis LPS
