



# Mouse Anti-*C. pneumoniae* Monoclonal antibody, clone B12470N (CABT-RM310)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Specific for <i>C. pneumoniae</i> (TWAR). Does not crossreact with <i>C. trachomatis</i> , <i>C. psittaci</i> or uninfected human cells.
<b>Target</b>	<i>C. pneumoniae</i>
<b>Immunogen</b>	Chlamydia pneumoniae
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	<i>C. pneumoniae</i>
<b>Clone</b>	B12470N
<b>Purification</b>	> 90% pure (SDS-PAGE). Protein A Chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	Suitable for use in ELISA and IFA
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	0.01 M Phosphate Buffered Saline, pH 7.2
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

# BACKGROUND

**Introduction**

Chlamydia Pneumoniae is a ubiquitous pathogen that causes acute respiratory disease. The spectrum of *C. Pneumoniae* infection has been extended to atherosclerosis and its clinical manifestations. A high proportion of adults from different countries are positive for antibodies to *C. Pneumoniae*, implying a high prevalence of these infections. The chlamydia are obligate intracellular bacteria characterized by a unique growth cycle.

**Keywords**

*C. pneumoniae*; *Chlamydophila pneumoniae*; *Chlamydophila*