



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

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