

## Product datasheet for **AM05649PU-N**

### Chlamydia trachomatis (LPS) Mouse Monoclonal Antibody [Clone ID: CF 6J12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CF 6J12
Applications:	IF
Recommended Dilution:	Immunofluorescence.
Reactivity:	Chlamydia trachomatis
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Elementary bodies from <i>C. trachomatis</i> strain SAF2>.
Specificity:	This antibody recognises a genus specific epitope within <i>Chlamydia</i> lipopolysaccharide (LPS).
Formulation:	Tris buffered saline pH7.2 containing 0.09% Sodium Azide (NaN <sub>3</sub> ) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	LPS is a common feature of the outer envelope of gram negative bacteria, which acts as a potent endotoxin, triggering an innate immune response. Studies have shown however, that whilst the LPS of <i>Chlamydia trachomatis</i> does evoke an immune response, it displays only weak endotoxic activity when compared to that of other bacteria such as <i>Salmonella Minnesota</i> or <i>Neisseria gonorrhoeae</i> .



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