

## Mouse Anti-Chlamydia LPS (Clone 3) mAb

**Catalog No.** MON8004-1 **Quantity:** 1.0 ml  
 MON8004-5 5.0 ml

**Description:** The antibody is directed to an immune dominant epitope (location unknown) of the Chlamydia LPS. This LPS is a genus specific antigen. Using a DOT-EIA the antibody reacts strongly with following prototype strains:  
 - *C. trachomatis*: A B Ba C D E F G H I J K L L1 L2 L3 and mouse pneumonitis  
 - *C. psittaci*: an ornithosis strain and a cat conjunctivitis strain  
 - *C. pneumoniae*: TW183

**Specificity:** Specificity testing by the National Institute revealed the following titers:  
 Serotype Strong Immunofluorescence by titer Mc

	1:100	1:400	1:1600	1:6400	1: 25600
B	++	++	nv	nv	nv
Ba	++	++	nv	nv	nv
C	++	++	nv	nv	nv
E	+++	+++	+++	+++	++
F	++	++	+	+	+
G	++	++	++	++	+
H	+++	+++	++	++	+
I	+++	+++	++	++	+
J	+++	+++	++	++	++
L2	+++	+++	+++	++	++
L3	+++	+++	nv	nv	nv

**Isotype:** Mouse IgG3  
**Clone:** 3  
**Formulation:** PBS containing 0.1% sodium azide  
**Concentration:** 50 µg/ml  
 1.0 ml sufficient for 200 tests  
 5.0 ml sufficient for 1000 tests

**Cross Reactivity:** Not to be used on guinea pig tissues

**Applications:** IHC-P  
 The monoclonal antibody stains Chlamydia inclusions both in formalin-fixed tissue biopsies embedded in paraffin, and in Hela-229 cells fixed in absolute methanol.

**Application Notes:** For staining fixed cells or tissue sections a dilution of 1:20 in PBS is advised.

**Storage & Stability:** Store at 2-8°C for up to 1 year. **Protect from light.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**