

**CATALOGUE #:** 3L15

**PRODUCT NAME:** Monoclonal mouse anti-*Legionella pneumophila* LPS

**MAbs *in vivo*:** 2F10, 5F4RC

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

**Immunogen:** Membrane fraction of *Legionella pneumophila*, strain Philadelphia 1

**Specificity:** 2F10, 5F4RC react with LPS membrane of *Legionella pneumophila*. MAbs do not cross-react with *Legionella pneumophila* serogroups 2, 6, 7, 10 and 11, *Legionella bozemanii*, *Legionella lonbeachae*, *Legionella micdadei*, *Corynebacterium diphtheria*, *Pseudomonas fluorescens*, *Pseudomonas cepacia*, *Pseudomonas aeruginosa*, *Bordetella pertussis*, *Leptospira interrogans* (Australia, Pomona, Icterohemorrhagia), *Toxoplasma gondii*, *Hemophilus influenza (type B)*, *Hemophilus ducreyi*, *Brucella abortus*, *Bacillus anthracis*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Mycobacterium tuberculosis*, *Neisseria meningitidis*, *Pasteurella multocida*, *Proteus vulgaris*, *Shigella sonnei*, *Staphylococcus faecalis*, *Streptococcus puogenes*, *Streptococcus pneumoniae*, *Yersinia pseudotuberculosis*, *Yersinia pestis* EV76, *Salmonella typhi*, *Escherichia coli* K88 and *Francisella tularensis* 15.

Cross-reactivity with *Legionella pneumophila* serogroups 3 and 4 has not been tested.

**MAb isotypes:** IgG3 for 5F4RC and 2F10

**Applications:** Detection of *Legionella pneumophila* in ELISA.

**Purification:** Protein G chromatography

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.