

DataSheet

CATALOGUE #: NB-29-00955

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

MAbs: 2F10, 5F4RC

Hybridoma clones have been derived from hybridization of mouse Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with membrane fraction of *Legionella pneumophila*, strain Philadelphia 1.

Specificity: MAbs 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, Icterogemorrhagia), *Toxoplasma gondii*, *Hemophilus influenza (type B)*, *Hemophilus ducreyi*, *Brucella abortus*, *Bacillus anthracis*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Mycobacterium tuberculosis*, *Neisseria meningitides*, *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-reaction with *Legionella pneumophila* serogroups 3 and 4 has not been tested.

MAb isotypes: IgG3 for MAbs 5F4RC and 2F10

Applications: Detection of *Legionella pneumophila* in ELISA.

Purification: Protein G chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

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.