

***Mycoplasma bovis* Monoclonal Antibodies**

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype
18201	MY10-110.6	IgG1
18202	MY10-151.1	IgG2a
18203	MY10-168.4	IgG1
18204	MY11-320.1	IgG1
Format:	Protein G-purified antibody in PBS, pH 7.4	

Library Pack No. 100 µg/clone	
182101	All 4 clones

BACKGROUND

Mycoplasma bovis is the most pathogenic bovine mycoplasma in Europe and North America, causing bovine pneumonia, mastitis, arthritis, genital disorders, and abortion and results in huge economic losses in cattle and milk production. Loss due to *M. bovis* mastitis is estimated to be \$108 million per year. *Mycoplasma bovis* was first isolated in the US from the milk of a mastitic cow.

SPECIFICATION SUMMARY

Antigen: *Mycoplasma bovis* cells (ATCC #25025).

Host Species: Mouse

Specificity: These antibodies recognize *Mycoplasma bovis*. They do not cross-react with *Mycoplasma bovigenitalium*, *Mycoplasma californicum*, *Strep. agalactiae*, *Staph. aureus*, or *E. coli*.

APPLICATIONS

These antibodies have been qualified for use in ELISA to detect *M. bovis*. Endusers should determine optimal concentrations for their applications.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20° to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.