

## Product datasheet for **BM3079**

### **Mycoplasma bovis Mouse Monoclonal Antibody [Clone ID: 202]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	202
<b>Applications:</b>	ELISA
<b>Recommended Dilution:</b>	May be used in immunoassays to detect and quantitate M. bovis.
<b>Reactivity:</b>	Mycoplasma bovis
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Mycoplasma bovis cells
<b>Specificity:</b>	Specifically recognizes Mycoplasma bovis. Does not cross-react with Strep. agalactiae, Staph. aureus, E. coli, Mycoplasma bovigenitalium or Mycoplasma californicum.
<b>Formulation:</b>	PBS buffer, pH 7.4 without preservative. State: Azide Free State: Liquid purified Ig fraction.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein G chromatography.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Background:</b>	Since it was first recognized in the early 1960's, mycoplasma mastitis has been reported in many dairy farms throughout the United States. Mycoplasma are opportunistic invaders and can cause joint infections, pneumonia, metritis, and mastitis. Several species of Mycoplasma have been found in dairy cattle, but by far the most prevalent is Mycoplasma bovis, which is responsible for more than half of all reported isolates. This specie also causes the most severe infections of any Mycoplasma organism known to cause disease in cattle.



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