

12-8554: Anti-Mycoplasma Bovis (Clone MY10-151.1)

Clonality :	Monoclonal
Clone Name :	MY10-151.1
Application :	ELISA
Isotype :	Mouse IgG2a
Immunogen Information :	Mycoplasma bovis cells (ATCC #25025).

Description

Specificity

This antibody recognize *Mycoplasma bovis*. It do not cross-react with *Mycoplasma bovis genitalium*, *Mycoplasma californicum*, *Strep. agalactiae*, *Staph. aureus*, or *E. coli*.

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.

Product Info

Amount :	500ug / 100ug
Purification :	Preparation: Antibodies are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
Content :	Concentration: Lot Specific Formulation: This monoclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.2 - 7.4 with no carrier protein or preservatives added.
Storage condition :	This antibody is stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

Application Note

These antibodies have been qualified for use in ELISA to detect M. bovis.

End users should determine optimal concentrations for their applications.