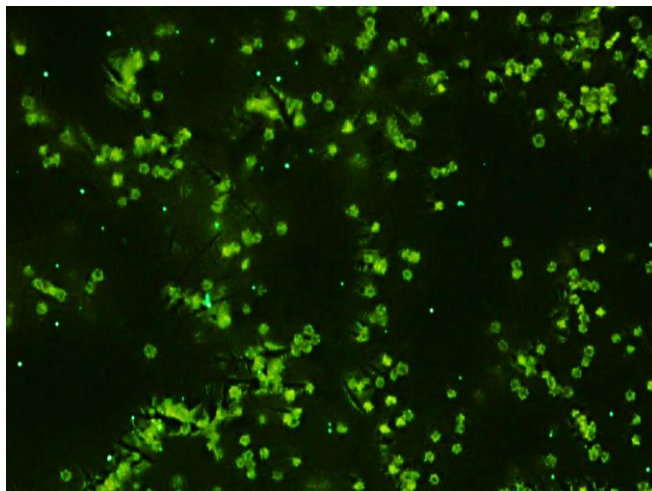


15D2 *Anaplasma marginale* MSP1

Monoclonal Antibody (MAb)

Catalog No.:	15D2
Specificity:	<i>Anaplasma marginale</i>
Epitope:	STSSxL on MSP1, neutralizing
Isotype:	IgG ₃
Species of Origin:	Murine
Volume:	Increments of 0.1 mg
Preservative:	0.09% Sodium Azide
Shelf Life:	1 year when stored at 2-7°C



Description:

This monoclonal antibody reacts with a neutralizing epitope, STSSxL, on major surface protein 1 (MSP1) of *Anaplasma marginale*. The MAb is produced as mouse ascites fluid clarified by centrifugation, and filtered through a 0.2 µm filter. The antibody concentration is 1.0 mg/ml, in phosphate-buffered saline (PBS), stabilized with 4 mg/ml bovine serum albumin (BSA), and preserved with 0.09% sodium azide (NaN₃).

Known Applications:

Immunoprecipitation, western blot and immunofluorescence.

Storage:

This monoclonal antibody is provided in liquid form and should be stored at 2-7°C. DO NOT FREEZE!

References:

- McGuire, T.C., et al. Common and isolate-restricted antigens of *Anaplasma marginale* detected with monoclonal antibodies. *Infection and Immunity* 45(3):697-700 (Sept. 1984).
- Santos PS, et al. Functional Epitope Core Motif of the *Anaplasma marginale* Major Surface Protein 1a and Its Incorporation onto Bioelectrodes for Antibody Detection. *PLoS ONE* 7(3): e33045 (2012).

Technical Data Sheet Version:

Version 1

FOR *IN VITRO* LABORATORY USE ONLY.

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25 September 2014