



Anti-T. foetus Monoclonal antibody, Clone C1214M (DMAB4427)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with Trichomonas foetus. Does not cross react with Trichomonas vaginalis
Target	T. foetus
Immunogen	Disrupted Trichomonas foetus
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	T. foetus
Clone	C1214M
Affinity Constant	Not determined
Purification	90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended antibody pair for sandwich immunoassay: Capture Detection DMAB4427 DMAB4426 Suggested pair for testing (Capture - Detection): DMAB4427 - DMAB4426
Format	Purified, Liquid
Concentration	100ug/ml (OD280nm, E0.1% = 1.3)

Size	1 mg
Buffer	0.01M PBS, pH 7.2
Preservative	0.1% Sodium Azide
Storage	Short term (up to 2 weeks) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles

BACKGROUND

Introduction	<p>Trichomonas is a genus of anaerobic protists that are parasites of vertebrates. They are included with the parabasalids. <i>Trichomonas foetus</i> is a microscopic single-celled flagellated protozoan parasite that has traditionally been identified as a cause of reproductive disease in cattle (infertility, abortion and endometritis). It has been found all over the world, but the widespread use of artificial insemination in breeding cattle has led to the virtual elimination of this organism from the cattle population in many countries including the UK and much of Europe. <i>Trichomonas foetus</i> may also be an important cause of diarrhoea in cats. It can infect and colonise the large intestine, and can cause prolonged and intractable diarrhoea.</p>
Keywords	<p>Trichomonadidae; Trichomonadida; Trichomonadida; <i>Trichomonas foetus</i>; Eukaryota; Excavata; Metamonada; Parabasalia; <i>Trichomonas</i></p>