



# Anti-T. vaginalis Monoclonal antibody, Clone C987M (DMAB4430)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Trichomonas vaginalis
<b>Target</b>	T. vaginalis
<b>Immunogen</b>	Disrupted Trichomonas vaginalis
<b>Isotype</b>	IgG3
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	T. vaginalis
<b>Clone</b>	C987M
<b>Affinity Constant</b>	Not determined
<b>Purification</b>	90% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in IFA and ELISA. 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 DMAB4430 DMAB4431 Suggested pair for testing (Capture - Detection): DMAB4430 - <a href="#">DMAB4431</a>
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific (OD280nm, E0.1% = 1.3)

<b>Size</b>	200 µg
<b>Buffer</b>	0.01M PBS, pH 7.2
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	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

<b>Introduction</b>	<p>Trichomonas vaginalis is an anaerobic, flagellated protozoan, a form of microorganism. The parasitic microorganism is the causative agent of trichomoniasis, and is the most common pathogenic protozoan infection of humans in industrialized countries. Infection rates between men and women are the same with women showing symptoms while infections in men are usually asymptomatic. Transmission takes place directly because the trophozoite does not have a cyst. The WHO has estimated that 180 million cases of infection are acquired annually worldwide. The estimates for North America alone are between 5 and 8 million new infections each year, with an estimated rate of asymptomatic cases as high as 50%. Usually treatment consists of metronidazole and tinidazole. Trichomonas vaginalis is a protozoa which causes inflammation of the vaginal canal. It is considered to be a sexually transmitted disease.</p>
<b>Keywords</b>	<p>T vaginalis ; TV ; Trichomonas vaginalis; Eukarya; Metamonada; Parabasalia; Trichomonadida; Trichomonas; T. vaginalis</p>