



# Magic™ Anti-M. genitalium Monoclonal antibody, Clone C2594N (DCAB-TJ101)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Reacts to Mycoplasma genitalium.
<b>Target</b>	M. genitalium
<b>Immunogen</b>	Mycoplasma genitalium whole organism.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	M. genitalium
<b>Clone</b>	C2594N
<b>Purification</b>	> 90% pure. Protein A Chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	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 Suggested pair for testing (Capture - Detection): <a href="#">DCAB-TJ099</a> - DCAB-TJ101
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot Specific mg/mL (OD280 nm, E 0.1% = 1.3)
<b>Size</b>	100 µg
<b>Buffer</b>	0.01 M PBS, pH 7.2

Product contains no stabilizing proteins.

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**Preservative**

0.1% Sodium Azide

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**Storage**

Upon receipt, aliquot and store at -20°C. Avoid multiple freeze-thaw cycles.

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## BACKGROUND

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**Introduction**

Mycoplasma genitalium is a small parasitic bacterium that lives on the ciliated epithelial cells of the primate genital and respiratory tracts. M. genitalium is the smallest known genome that can constitute a cell, and the second-smallest bacterium after the endosymbiont Carsonella ruddii. Until the discovery of Nanoarchaeum in 2002, M. genitalium was also considered to be the organism with the smallest genome. There is a difference between smallest parasitic bacteria and smallest free living bacteria. The smallest known free living bacterium is Pelagibacter ubique with 1.3 Mb.

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**Keywords**

M. genitalium; Mycoplasma genitalium; Mycoplasmataceae

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