



Magic™ Anti-M. genitalium Monoclonal antibody, Clone C2580N (DCAB-TJ098)

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

PRODUCT INFORMATION

Specificity	Reacts to Mycoplasma genitalium.
Target	M. genitalium
Immunogen	Mycoplasma genitalium whole organism.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	M. genitalium
Clone	C2580N
Purification	> 90% pure. Protein A Chromatography
Conjugate	Unconjugated
Applications	<p>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.</p> <p>Recommended antibody</p> <p>Suggested pair for testing (Capture - Detection): DCAB-TJ098 - DCAB-TJ099</p>
Format	Purified, Liquid
Concentration	100 µg/mL (OD280 nm, E 0.1% = 1.3)
Size	100 µg
Buffer	0.01 M PBS, pH 7.2

Product contains no stabilizing proteins.

Preservative 0.1% Sodium Azide

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

BACKGROUND

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.

Keywords *M. genitalium*; *Mycoplasma genitalium*; *Mycoplasmataceae*