



Magic™ Anti-M. genitalium Monoclonal antibody, Clone C2592N (DCAB-TJ099)

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	C2592N
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 Suggested pair for testing (Capture - Detection): DCAB-TJ099 - DCAB-TJ098
Procedure	Matched Antibody Pairs
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.
Warnings	Centrifuge before opening to ensure complete recovery of vial contents. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

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