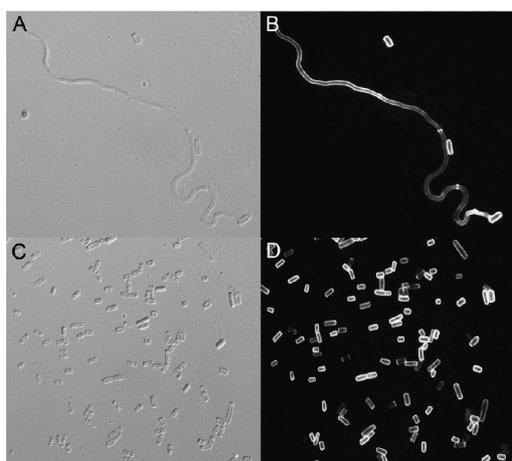


***Geotrichum*, mouse monoclonal antibody [clone FE10]**

Product code	ID2620-0025 / ID2620-0100
Unit size	25µL / 100µL
Concentration	See batch specific Certificate of Analysis
Alternative name	No
Accession no.	No
Host	Mouse
Immunogen	>200 kDa extracellular glycoprotein
Isotype	IgM
Purification	Thiophilic purification
Applications	ELISA, WB, IF
Recommended dilution	1:1000
Optimisation	Optimal dilutions to be determined by end user
Known reactivity	<i>Geotrichum candidum</i> (<i>Galactomyces candidus</i>), <i>Geotrichum europaeum</i> , <i>Geotrichum pseudocandidum</i>
Storage buffer	Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide
Shipping	Blue ice
Storage temperature	Store as supplied at +2°C ~ +8°C for up to 1 year
Reference	Thornton CR, Slaughter DC, Davis RM. (2010). Detection of the sour-rot pathogen <i>Geotrichum candidum</i> in tomato juice and fruit using a highly-specific monoclonal antibody-based ELISA. <i>International Journal of Food Microbiology</i> 143 : 162-172.



Legend: Immunofluorescence (IF) microscopy showing binding of mAb FE10 to arthroconidia and hyphae of *Geotrichum candidum*. (A) Germinating arthroconidium examined under bright-field microscopy. (B) Cells probed with mAb FE10 followed by goat anti-mouse FITC conjugate and examined under epifluorescence. (C) Un-germinated arthroconidia under brightfield microscopy. (D) Arthroconidia probed with mAb FE10 and FITC conjugate and examined under epifluorescence. Note binding of the mAb to the cell walls of arthroconidia, hypha, and hyphal septa.

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