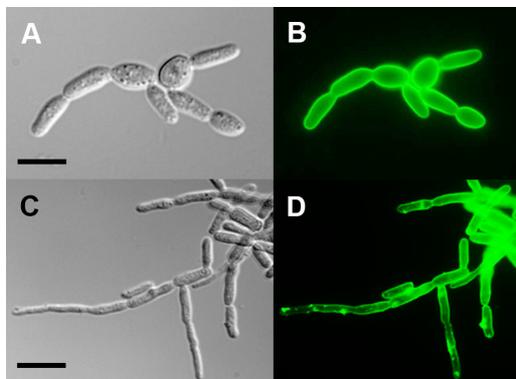


Candida, mouse monoclonal antibody [clone MC3]

Product code	ID2565-0025 / ID2565-0100
Unit size	25µL / 100µL
Concentration	See batch specific Certificate of Analysis
Alternative name	No
Clone	MC3
Host	Mouse
Epitope/Antigen	Putative β-1,2-mannan epitope in <i>C. albicans</i> blastospore, hyphal and pseudo-hyphal mannoproteins and phospholipomannans
Isotype	IgG3
Purification	Protein A
Applications	ELISA, WB, IF, IEM, ImmunoPET/MRI
Recommended dilution	1:1000
Optimisation	Optimal dilutions to be determined by end user
Species reactivity	<i>Candida albicans</i> , <i>C. auris</i> , <i>C. dubliniensis</i> , <i>C. guilliermondii</i> , <i>C. lusitaniae</i> , <i>C. tropicalis</i> , <i>C. famata</i> , <i>C. pseudotropicalis</i> , <i>C. palmioloephila</i> [No cross-reactivity with other related or unrelated yeast or mold species]
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	Morad HOJ et al. (2018). Pre-Clinical Imaging of Invasive Candidiasis using ImmunoPET/MR <i>Frontiers in Microbiology</i> 9 : 1996.



Legend: Immunofluorescence (IF) microscopy showing binding of mAb MC3 to yeast and pseudo-hyphal morphotypes of *Candida albicans*. (A). Brightfield image showing budding yeast cells. (B) The yeast cells were probed with mAb MC3 followed by goat anti-mouse FITC conjugate and examined under epifluorescence. (C). Brightfield image showing pseudo-hyphae. (D). The pseudo-hyphae were probed with mAb MC3 followed by goat anti-mouse FITC conjugate and examined under epifluorescence. Note intense staining of the outer cell wall of both yeast and pseudo-hyphal morphotypes. Bars = 4µm.