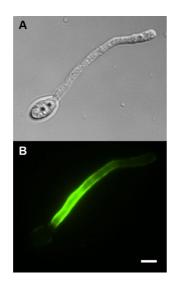


DATASHEET

Trichosporon, mouse monoclonal antibody [clone CA7]

Product code	ID2535-0025 / ID2535-0100
Unit size	25µL / 100µL
Concentration	See batch specific Certificate of Analysis
Alternative name	No
Clone	CA7
Host	Mouse
Antigen	Hyphal-specific 60kDa glycoprotein
Isotype	lgG1
Purification	Protein A
Applications	ELISA, WB, IF
Recommended dilution	1:1000
Optimisation	Optimal dilutions to be determined by end user
Species reactivity	Trichosporon asahii and Trichosporon asteroides
Storage buffer	Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide
Shipping	Blue ice
Storage temperature	Store as supplied at $+2^{\circ}C \sim +8^{\circ}C$ for up to 1 year
Reference	Davies GE, Thornton CR. (2014). Differentiation of the emerging human pathogens <i>Trichosporon asahii</i> and <i>Trichosporon</i>



Legend: Immunofluorescence (IF) microscopy showing binding of mAb CA7 to hypha of *Trichosporon asahii*. (A) Brightfield image showing spore and germ tube. (B) The germinating cell was probed with mAb CA7 followed by goat anti-mouse FITC conjugate and examined under epifluorescence. Bar = $4\mu m$. Note intense fluorescence on surface of hypha, but lack of staining of spore cell wall.

asteroides from other pathogenic yeasts and moulds by using species-specific monoclonal antibodies. *PLoS ONE* **9:** e84789.

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