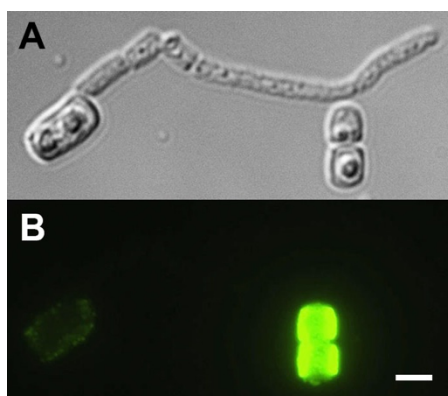


***Trichosporon*, mouse monoclonal antibody [clone TH1]**

Product code	ID2530-0025 / ID2530-0100
Unit size	25µL / 100µL
Concentration	See batch specific Certificate of Analysis
Alternative name	No
Clone	TH1
Host	Mouse
Antigen	Spore-specific glycoprotein
Isotype	IgM
Purification	Affinity purification
Applications	ELISA, IF
Recommended dilution	1:1000
Optimisation	Optimal dilutions to be determined by end user
Species reactivity	<i>Trichosporon asahii</i> and <i>Trichosporon asteroides</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	Davies GE, Thornton CR. (2014). Differentiation of the emerging human pathogens <i>Trichosporon asahii</i> and <i>Trichosporon asteroides</i> from other pathogenic yeasts and moulds by using species-specific monoclonal antibodies. <i>PLoS ONE</i> 9 : e84789.



Legend: Immunofluorescence (IF) microscopy showing binding of mAb TH1 to spores of *Trichosporon asahii*. (A) Brightfield image showing spores and germ tube. (B) The cells were probed with mAb TH1 followed by goat anti-mouse FITC conjugate and examined under epifluorescence. Bar = 4µm. Note intense fluorescence on surface of ungerminated spores, but lack of staining of hyphal cell wall.