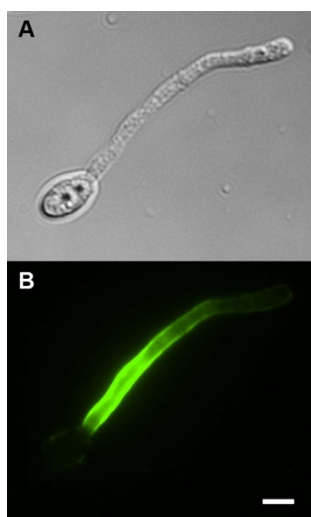


## ***Trichosporon*, mouse monoclonal antibody [clone CA7]**

<b>Product code</b>	ID2535-0025 / ID2535-0100
<b>Unit size</b>	25µL / 100µL
<b>Concentration</b>	See batch specific Certificate of Analysis
<b>Alternative name</b>	No
<b>Clone</b>	CA7
<b>Host</b>	Mouse
<b>Antigen</b>	Hyphal-specific 60kDa glycoprotein
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein A
<b>Applications</b>	ELISA, WB, IF
<b>Recommended dilution</b>	1:1000
<b>Optimisation</b>	Optimal dilutions to be determined by end user
<b>Species reactivity</b>	<i>Trichosporon asahii</i> and <i>Trichosporon asteroides</i>
<b>Storage buffer</b>	Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide
<b>Shipping</b>	Blue ice
<b>Storage temperature</b>	Store as supplied at +2°C ~ +8°C for up to 1 year
<b>Reference</b>	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> <b>9</b> : e84789.



**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 = 4µm. Note intense fluorescence on surface of hypha, but lack of staining of spore cell wall.