

Fusarium, mouse monoclonal antibody [clone ED7]

Product code ID2525-0025 / ID2525-0100

Unit size 25μ L / 100μ L

Concentration See batch specific Certificate of Analysis

Alternative name No
Clone ED7
Host Mouse

Antigen 200kDa glycoprotein

Isotype IgN

 Purification
 Affinity purification

 Applications
 ELISA, WB, IF, IEM

Recommended dilution 1:1000

Optimisation Optimal dilutions to be determined by end user

Species reactivity All Fusarium species

Storage buffer Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide

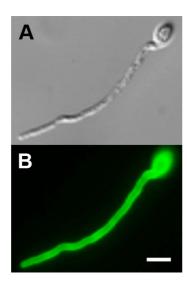
Shipping Blue ice

Storage temperature Store as supplied at $+2^{\circ}$ C $\sim +8^{\circ}$ C for up to 1 year

Reference

Al-Maqtoofi M, Thornton CR. (2016). Detection of human pathogenic *Fusarium* species in hospital and communal sink biofilms by using a highly specific monoclonal antibody.

Environmental Microbiology 18: 3620-3634.



Legend: Immunofluorescence (IF) microscopy showing binding of mAb ED7 to germinated spore and hypha of *Fusarium solani*. (A) Brightfield image showing spore and germ tube. (B) The germinating cell was probed with mAb ED7 followed by goat antimouse FITC conjugate and examined under epifluorescence. Bar = $6 \mu m$.

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