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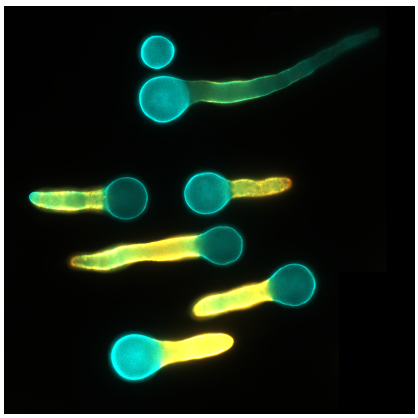
DATASHEET

Mucorales monoclonal antibody TG11

Catalog number	ID2625-0025 / ID2625-0100
Unit size	25µL / 100µL
Alternative names	No
Clone	TG11
Host	Mouse
Antigen	Extracellular polysaccharides of between 15 kDa to 250 kDa
Isotype	IgG2b
Purification	Affinity purification
Applications	ELISA, WB, IF, IHC
Recommended dilution	1:1000
Optimisation	Optimal dilutions to be determined by end user
Species reactivity	All *Mucorales* species. No cross-reactivity with other fungi
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
References	Thornton CR, Davies GE, Dougherty L. (2023). Development of a monoclonal antibody and a lateral-flow device for the rapid detection of a Mucorales-specific biomarker. *Frontiers in Cellular and Infection Microbiology* **13:** 1305662. Hudson AC, et al. (2024). Characterisation of the spatiotemporal localisation of a pan-Mucorales-specific antigen during germination and immunohistochemistry. *The Journal of Infectious Diseases,* jiae375.



Legend: Immunofluorescence (IF) microscopy showing binding of mAb TG11 (yellow) to hyphae of germinated spores of *Rhizopus microsporus*. The germlings were probed with mAb TG11 followed by goat anti-mouse Cy5 conjugate and examined under epifluorescence. Image courtesy of Dora Corzo-León and co-workers (Hudson *et al*., 2024, *JID*).

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