

Anti-Aspergillus fumigatus Hybridoma [25C6] (CSC-H0016LN)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This hybridoma produces mAbs (IgM) against Aspergillus fumigatus
Target	Aspergillus fumigatus
Immunogen	A. fumigatus cell wall
Isotype	IgM
Species	Aspergillus
Clone	25C6
Application	, ELISA, IF,
Application Notes	ELISA; IF neat
Epitope	Conidium, basal, septa
Format	Frozen
Storage	Liquid nitrogen vapor phase Freezing medium: to complete growth medium, add 10%(v/v) DMSO
Immunological Donor	Mouse
Cell Line Description	The hybridoma produces a mouse anti-Aspergillus fumigatus monoclonal antibody recognising the conidium and basal region.
Growth Properties	Adherent
Culture Medium	IMDM, supplemented with 20% FBS and 1% Pen/Strep

45-1 Ramsey Road, Shirley, NY 11967, USA
Email:info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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BACKGROUND

Introduction	Aspergillus fumigatus is a widespread saprobe that breaks down organic material in soil. The conidia of this fungus are ubiquitous in the atmosphere and commonly inhaled. In healthy individuals, A. fumigatus can cause allergic reactions or localized infections. In the immunocompromised, however, it can cause invasive aspergillosis, an increasingly frequent and often fatal diease.

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