



# Anti-Aspergillus fumigatus Hybridoma [2F3] (CSC-H0007LN)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This hybridoma produces mAbs (IgM) against Aspergillus fumigatus
<b>Target</b>	Aspergillus fumigatus
<b>Immunogen</b>	A. fumigatus cell wall
<b>Isotype</b>	IgM
<b>Species</b>	Aspergillus
<b>Clone</b>	2F3
<b>Application</b>	, ELISA, IF,
<b>Application Notes</b>	ELISA; IF (1:10)
<b>Epitope</b>	Apical, no septa
<b>Format</b>	Frozen
<b>Storage</b>	Liquid nitrogen vapor phase Freezing medium: to complete growth medium, add 10%(v/v) DMSO
<b>Immunological Donor</b>	Mouse
<b>Cell Line Description</b>	The hybridoma produces a mouse anti-Aspergillus fumigatus monoclonal antibody recognising the apical region of hyphae.
<b>Growth Properties</b>	Adherent
<b>Culture Medium</b>	IMDM, supplemented with 20% FBS and 1% Pen/Strep

## 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 disease.

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