



# Anti-Aspergillus fumigatus Hybridoma [2E3] (CSC-H0013LN)

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>	2E3
<b>Application</b>	, ELISA, IF,
<b>Application Notes</b>	ELISA; IF neat
<b>Epitope</b>	Basal
<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 basal germ tube region.
<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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