



# Mouse Anti Aspergillus fumigatus monoclonal antibody, clone 6I0 (CABT-L1030)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	A. fumigatus cell wall
<b>Specificity</b>	This monoclonal antibody specific to the conidium and basal region.
<b>Immunogen</b>	A. fumigatus isolated cell walls
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Aspergillus fumigatus
<b>Clone</b>	6I0
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IF
<b>Format</b>	Liquid
<b>Size</b>	5 ml
<b>Preservative</b>	None
<b>Storage</b>	Resuspend cells in 90% MDM, 10% DMSO. Store vials at -80° C for 24-48 hrs at -70 before transfer to liquid nitrogen.
<b>Ship</b>	Dry ice

## 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.

**Keywords**

*Aspergillus*