



# Mouse Anti-Aspergillus and Penicillium Monoclonal antibody, clone FG0 (CABT-CS324)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	$\beta$ 1,5-galactofuranose (Galf) on 50 to >200kDa mannoprotein
<b>Specificity</b>	This mAb specific to ascomycete Aspergillus and Penicillium species.
<b>Target</b>	Aspergillus and Penicillium
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Aspergillus, Penicillium
<b>Clone</b>	FG0
<b>Purification</b>	Protein A
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA, WB, IF, IEM
<b>Format</b>	Liquid
<b>Size</b>	25 $\mu$ l, 100 $\mu$ l
<b>Buffer</b>	Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide
<b>Preservative</b>	0.095% (w/v) sodium azide
<b>Storage</b>	Store as supplied at 2°C - 8°C for up to 1 year.

## BACKGROUND

**Introduction** Aspergillus species cause aspergilloma, and the life-threatening lung disease invasive pulmonary aspergillosis (IPA) in immunocompromised patients. Aspergillus species also cause chronic pulmonary aspergillosis (CPA), allergic bronchopulmonary aspergillosis (ABPA), and are implicated in chronic obstructive pulmonary disease (COPD). Aspergillus and Penicillium species are abundant molds in the indoor air of residential properties and are major allergens.

**Keywords** Aspergillus; Penicillium; Aspergillus and Penicillium