



Mouse Anti-Aspergillus and Penicillium Monoclonal antibody, clone FE2 (CABT-CS323)

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

PRODUCT INFORMATION

Antigen Description	β 1,5-galactofuranose (Galf) on 50 to >200kDa mannoprotein
Specificity	This mAb specific to ascomycete Aspergillus and Penicillium species.
Target	Aspergillus and Penicillium
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Aspergillus, Penicillium
Clone	FE2
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA, WB, IF, IEM
Format	Liquid
Size	25 μ l, 100 μ l
Buffer	Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide
Preservative	0.095% (w/v) sodium azide
Storage	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