



Mouse Anti-Aspergillus and Penicillium Monoclonal antibody, clone OE23 (CABT- CS326)

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

PRODUCT INFORMATION

Antigen Description	β1,5-galactofuranose (Galf) on 50 to>200kDa mannoprotein
Specificity	This mAb specific to ascomycete Aspergillus and Penicillium species.
Target	Aspergillus and Penicillium
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Aspergillus, Penicillium
Clone	OE23
Purification	Thiophilic purification
Conjugate	unconjugated
Applications	ELISA, WB, IF, IEM
Format	Liquid
Size	25 µl, 100 µl
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