



Rat Anti-Alternaria Monoclonal antibody, clone QD4 (CABT-CS321)

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

PRODUCT INFORMATION

Antigen Description	30-100kDa glycoprotein
Specificity	This mAb specific to ascomycete Alternaria, Epicoccum, Stemphylium and Ulocladium species.
Target	Alternaria
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Alternaria, Epicoccum, Stemphylium, Ulocladium species
Clone	QD4
Purification	Protein G
Conjugate	unconjugated
Applications	ELISA, IF
Format	Liquid
Size	25 µl, 100 µl
Buffer	Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide
Preservative	0.095% sodium azide
Storage	Store as supplied at 2°C - 8°C for up to 1 year.

BACKGROUND

Introduction

Alternaria is a common fungal genus that causes pre- and postharvest damage to agricultural products, including cereal grains, fruits, and vegetables. In addition to spoiling a wide variety of foods, several Alternaria species are able to produce secondary metabolites considered as both phytotoxins, which play an important role in the pathogenesis of plants, and mycotoxins, which can be harmful to humans and animals.

Keywords

Alternaria