

DATASHEET

Aflatoxin B1 Mouse Monoclonal Antibody(C2455)

CAT. NO. AMA02067

KEY FEATURES

Target	Aflatoxin B1	Source / Host	Mouse
Reactivity		Clonality	Monoclonal
Applications	ELISA	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.	Storage	at-20°C

BACKGROUND

Aflatoxin B1 (AFB1) is a potent mycotoxin produced primarily by *Aspergillus flavus* and *Aspergillus parasiticus*, frequently contaminating cereals, peanuts, and animal feed. AFB1 is one of the most carcinogenic naturally occurring substances, causing hepatocellular carcinoma. Anti-AFB1 antibodies are used in ELISA, lateral flow, and immunoaffinity columns for food safety screening.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

ELISA	Use at an assay dependent dilution.
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to Aflatoxin B1
Specificity	Reacts only with Aflatoxin B1.
Antibody Type	Primary antibody
Immunogen	Aflatoxin B1 conjugated to KLH
Purification	Protein G purified
Form/Buffer	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.
Alternative Names	AFB1

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.