

DATASHEET

Fumonisin B1 Mouse Monoclonal Antibody(C2454)

CAT. NO. AMA02066

KEY FEATURES

Target	Fumonisin 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

Fumonisin B1 (FB1) is a mycotoxin produced primarily by *Fusarium verticillioides* and *F. proliferatum* that contaminates maize and maize-based products. FB1 disrupts sphingolipid metabolism and is associated with leukoencephalomalacia in horses, pulmonary edema in pigs, and esophageal cancer in humans. Anti-FB1 antibodies are used in ELISA and lateral flow assays for food safety.

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 Fumonisin B1
Specificity	Reacts only with Fumonisin B1.
Antibody Type	Primary antibody
Immunogen	Fumonisin 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.

*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.