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[Primary Antibody]

Recombinant Rabbit Anti-AFB1 Monoclonal Antibody

Catalog Number: SLA0331M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Clone No.:	8G3
Target:	AFB1
Immunogen:	KLH conjugated AFB1
Purification:	affinity purified by Protein A/G
Storage:	0.01M PBS (pH7.4) with 0.02% Proclin300. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Background:	AFLATOXIN B1 is a potent hepatotoxic and hepatocarcinogenic mycotoxin produced by the Aspergillus flavus group of fungi. It is also mutagenic, teratogenic, and causes immunosuppression in animals. It is found as a contaminant in peanuts, cottonseed meal, corn, and other grains. The mycotoxin requires epoxidation to aflatoxin B1 2,3-oxide for activation. Microsomal monooxygenases biotransform the toxin to the less toxic metabolites aflatoxin M1 and Q1.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.