

**DATASHEET**

**Deoxynivalenol Mouse Monoclonal Antibody(C2453)**

CAT. NO. AMA02065

**KEY FEATURES**

Target	Deoxynivalenol	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**

Deoxynivalenol (DON, vomitoxin) is a trichothecene mycotoxin produced by *Fusarium graminearum* and *F. culmorum* that contaminates wheat, barley, oats, and maize. DON inhibits protein synthesis and causes feed refusal, vomiting, and immunosuppression in animals. Anti-DON antibodies are used in ELISA, lateral flow, and immunoaffinity columns for grain 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 Deoxynivalenol
Specificity	Reacts only with Deoxynivalenol.
Antibody Type	Primary antibody
Immunogen	Deoxynivalenol 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](mailto: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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**| 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.