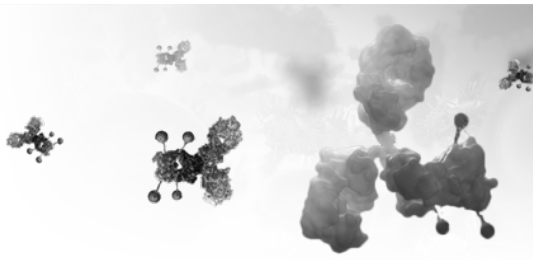

Mouse Anti-Zearalenone Hybridoma [AFO] (CSC-H1491)

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

PRODUCT INFORMATION

Specificity	Sensitivity: 0.025 ppb; ELISA IC50: 0.075 ppb; ELISA Titer> 1: 200,000.
Target	Zearalenone
Immunogen	Zearalenone
Species	Other Sources
Clone	AFO
Application Notes	N/A
Storage	Liquid nitrogen
Ship	Dry ice
Immunological Donor	Mouse
Cell Line Description	Mouse hybridoma cell line producing monoclonal antibody against Zearalenone.
Fusion Species	Mouse x Mouse Hybridoma
Morphology	lymphocyte-like
Propagation	Complete growth medium: Dulbecco's modified Eagle's medium with 10% fetal bovine serum. Atmosphere: air, 95%; carbon dioxide (CO2), 5% Temperature: 37.0 centigrade
Culture Medium	RPMI1640 medium with 10% fetal bovine serum.
Mycoplasma	Mycoplasma Status: Negative (MycoAlert Kit)

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Safety Considerations	The following safety precautions should be observed. 1. Use pipette aids to prevent ingestion and keep aerosols down to a minimum. 2. No eating, drinking or smoking while handling the hybridoma. 3. Wash hands after handling the hybridoma and before leaving the lab. 4. Decontaminate work surface with disinfectant or 70% ethanol before and after working with hybridoma. 5. All waste should be considered hazardous. 6. Dispose of all liquid waste after each experiment and treat with bleach.

BACKGROUND

Keywords	Zearalenone

GENE INFORMATION

References	1.Production and characterization of monoclonal and polyclonal antibodies against digoxin.Sawada J,Janejai N,Terao T Eisei Shikenjo Hokoku. 1990; (108):29-33 2.Determination of cardenolides in hairy root cultures of Digitalis lanata by enzyme-linked immunosorbent assay.Yoshimatsu K,Satake M,Shimomura K,Sawada JI,Terao T J Nat Prod. 1990 Nov-Dec; 53(6):1498-502

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