

## Anti- Aflatoxin B1/B2 Mouse Monoclonal Antibody

CATALOG NO. MAF-B12-037

<b>Introductions</b>	Aflatoxins are naturally occurring mycotoxins that are produced by mainly two species of <i>Aspergillus</i> . Aflatoxins are toxic and among the most carcinogenic substances known. At least 14 different types of aflatoxin are produced in nature. Aflatoxin B1 (AFB1) is considered the most toxic and is produced by both <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> . Aflatoxin M1 (AFM1) is a major metabolite of aflatoxin B1 in humans and animals, which may be present in milk from animals fed with aflatoxin B1 contaminated feed. Aflatoxin M2 (AFM2) is the metabolite of Aflatoxin B2 in milk of cattle fed on contaminated foods.
<b>Applications</b>	Sandwich ELISA or other applications
<b>Description</b>	Mouse anti-Aflatoxin B1/Aflatoxin B2 monoclonal antibody
<b>Immunogen</b>	BSA conjugated Aflatoxin from <i>Aspergillus flavus</i>
<b>Clone Number</b>	A37
<b>Isotype</b>	IgG1
<b>Specificity</b>	Recognize both Aflatoxin B1 (AFB1) and Aflatoxin B2 (AFB2), but not reactive to BSA and other aflatoxins, such as G1, G2 and M1.
<b>Purification</b>	Protein G affinity purified
<b>Storage</b>	Store at -20 °C; Do not freeze and thaw. Stable for at least one months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Size</b>	100 µg (1mg/ml) in PBS with 0.05% sodium azide (NaN <sub>3</sub> )
<b>Usage</b>	This product does not contain livestock or poultry disease agents, non-toxic/non contagious and is not intended for human use, only for laboratory research and development.