

Monoclonal Antibody to Fumonisin - Ascites

Catalog No.:	AM10168SU-N
Quantity:	0.2 ml
Background:	Mycotoxins are a superfamily of toxic substances that are produced by organisms of the fungus kingdom, including yeasts, molds and mushrooms. There are several different groups of mycotoxins, the most notable of which are Aflatoxins, Patulins and Fusariums, all of which are associated with the contamination of food products. Fusarium toxins are commonly found in wheat and maize and they include a range of grain-associated mycotoxins, one of which is Fumonisin, which exists as two forms, designated Fumonisin B1 and Fumonisin B2. The Fumonisins are potent toxins that, if ingested in high enough quantities, can disrupt normal cardiovascular function and sphingolipid metabolism and may cause damage to kidney and liver tissues.
Host / Isotype:	Mouse / IgG1
Clone:	2A2
Immunogen:	Purified BSA-Fumonisin.
Format:	State: Lyophilized powder Buffer System: 0.1M Tris, 0.1M Glycine and 2% Sucrose Preservatives: None Reconstitution: Restore in distilled water.
Applications:	ELISA: 1/2000-1/10000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with Fusarium Fumonisin mycotoxin.
Storage:	Store prior to reconstitution at -20°C. Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Shelf life: Six months from despatch.