

Aflatoxin antibody [1C6]

Cat. No. GTX20685

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Applications	ELISA
Reactivity	Aspergillus flavus, Aspergillus parasiticus, Aspergillus nomius

Package
100 µg

Applications

Application Note

For ELISA: Use at an assay dependent dilution. Optimal dilutions/concentrations should be determined by the researcher.

Product Note

This antibody reacts with Aflatoxin M1 (AFM1) and Aflatoxin B1 (AFB1). It does not react with BSA and other irrelevant antigens by ELISA. A competitive binding assay using AFM1 as the binding competitor to compete with AFM1-BSA-¹²⁵I showed that AFM1 can effectively inhibit the binding of this antibody to AFM1-BSA-¹²⁵I and the inhibition degree corresponds to the amounts of AFM1 used. The equilibrium constant K of antibody affinity of this product is 10⁹-10¹¹ M-1.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Aflatoxin M1-BSA conjugate
Purification	Protein G affinity purified.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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