

# Product Datasheet

## Aflatoxin B1 Antibody (6A10) [HRP] NB600-443H

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-443H**

Aflatoxin B1 Antibody (6A10) [HRP]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	6A10
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	HRP
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Species	Human, All Species
Immunogen	Aflatoxin B1 DNA (against the midazole ring-opened persistent form of the major N-7 guanine adduct of AFB1).

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Dot Blot
Application Notes	Optimal dilution of this antibody should be experimentally determined.

**Publications**

Zhang Z, Lu H, Huan F et al. Cytochrome P450 2A13 mediates the neoplastic transformation of human bronchial epithelial cells at a low concentration of aflatoxin B1. *Int J Cancer* 2013-09-30 [PMID: 24114584] (ICC/IF)

Details:

Using the HRP conjugated version of NB600-443, catalog number NB600-443H.

Yang X, Zhang Z, Wang X et al. Cytochrome P450 2A13 enhances the sensitivity of Human bronchial epithelial cells to aflatoxin B1-induced DNA damage. *Toxicol Appl Pharmacol* 2013-04-18 [PMID: 23602888] (ICC/IF)

Details:

Using the HRP conjugated version of NB600-443, catalog number NB600-443H.





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### **Products Related to NB600-443H**

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NBP1-43319H-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [HRP]
NB600-443G	Aflatoxin B1 Antibody (6A10) [DyLight 488]
KA1412	Aflatoxin B1 ELISA Kit (Colorimetric)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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