Native Mushroom Agaricus bisporus Lectin (ABA/ABL)

Cat. No. ABA/ABL-579M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Mushroom Agaricus bisporus Lectin (ABA/ABL) - Pure Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galactoseβ1-3N-Acetylgalactosamine Inhibiting or Eluting Sugar: Fetuin Divalent Ions: None Required Mitogenic Activity: No Hazardous Shipping: Non-hazardous Appearance Color: White to off-white
Species	Mushroom
Source	Mushroom
Description	Agaricus bisporus agglutinin (ABA) is an affinity-purified tetramer composed of two to four isolectins. ABA has two distinct carbohydrate binding sites, one for galactose-β-1,3-N-acetylgalactosamine and another for galactose-β-1,3-N-acetylglucosamine. Agaricus bisporus has an anti-proliferative effect on cancerous cells. ABA can be internalized by clathrin-coated vesicles after binding to surface glycoproteins, thus making ABA an inhibitor of its nuclear import of signal-dependent proteins.
Form	Lyophilized Powder
Molecular Mass	58.5 kDa

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Purity	Affinity purified
Applications	Cancer biomarker, Glycobiology, IHC, Inhibits proliferation of malignant cells without cytotoxicity, Binds sialylated and non-sialylated T antigen
Stability	Shelf Life: 2 years
Storage	At -20 centigrade.

GENE INFORMATION

Official Symbol	ABA/ABL
Synonyms	Agaricus bisporus Lectin; ABA/ABL

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