

Native Mushroom Agaricus bisporus Lectin (ABA/ABL), Colloidal Gold-Conjugated

Cat. No. ABA/ABL-098M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Mushroom Agaricus bisporus Lectin (ABA/ABL) - Colloidal Gold
	Blood Group Specificity: Non-specific
	Preferred Sugar Specificity: Galactose β 1-3N-Acetylgalactosamine
	Inhibiting or Eluting Sugar: Fetuin
	Divalent Ions: None Required
	Excitation: 550 nm
	Emission: 570 nm
	Mitogenic Activity: No
	Hazardous Shipping: Non-hazardous

Species	Mushroom
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Source	Mushroom
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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. Colloidal gold can be used to visualize localization of specific saccharide moieties and examine the distribution of plasma membrane glycoproteins based on the binding pattern of Agaricus bisporus Lectin (ABA/ABL). Colloidal gold labeled ABA/ABL can be vi
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ewed via electron microscopy.

Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

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

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