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

Cat. No. ABA/ABL-345M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Mushroom Agaricus bisporus Lectin (ABA/ABL) - HRP (Horseradish Peroxidase) 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
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. Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes the oxidation of substrates by hydrogen peroxide, resulting in a colored or fluorescent product or release of light as a byproduct of the reaction. It is most commonly used for blotting, immunoassays and immunohistochemistry methods. Agaricus bisporus Lectin (ABA/ABL) is conjugated to HRP at a

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	n appropriate ratio to provide optimal staining characteristics.
Form	Liquid
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA