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

Cat. No. ABA/ABL-528M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Mushroom Agaricus bisporus Lectin (ABA/ABL) - Texas Red Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galactoseβ1-3N-Acetylgalactosamine Inhibiting or Eluting Sugar: Fetuin Divalent Ions: None Required Excitation: 595 nm Emission: 615 nm Mitogenic Activity: No Hazardous Shipping: Non-hazardous Fluorescence: Red
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. Texas Red is a red-fluorescent dye and when bound to Agaricus bisporus Lectin (ABA/ABL) can show the binding pattern of this lectin in cellular imaging applications. There is very little overlap

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

	between the emission spectra of Texas Red and FITC making this combination ideal f or dual-labeling experiments. Rhodamine dyes, such as Texas Red, are more photost able and less sensitive to pH change when compared to other dyes such as fluoresce in.
Form	Liquid
Purity	High Purity Grade
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