Active Native Agaricus bisporus lectin Protein, Fluorescein labeled

Cat. No. Lectin-1761A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Fluorescein labeled Agaricus bisporus lectin and has sugar specificity against Gal(b-1,4)GalNAc (T disaccharide). The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
Species	Agaricus bisporus
Source	Agaricus bisporus
Description	Agaricus bisporus lectin (ABL) isolated from the edible white button mushroom, is composed of two to four very similar isolectins, each a tetramer of approximately 17 kD subunits. This lectin binds the Thomsen-Friedenreich antigen, also called T disaccharide, galactosyl (β-1,3) N-acetylgalactosamine. Unlike peanut agglutinin, which does not bind sialylated T antigen, ABL binds either sialylated or asialylated forms. Also, whereas peanut agglutinin has a proliferative effect on cancer cells, ABL is anti-proliferative, apparently without cytotoxicity. ABL binds all blood groups and O-linked glycans of IgA subclasses. Simple mono- and disaccharides are only marginally inhibitory.
Form	10 mM HEPES, pH 7.5, 150 mM NaCl, 0.08% sodium azide
Bio-activity	Sugar Specificity: Gal(b-1,3)GalNAc (T disaccharide)
Applications	Immunofluorescence, Glycobiology

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

Storage	Refrigerate in the dark.
Concentration	1 mg/ml

GENE INFORMATION

Synonyms	Lectin; ABL
UniProt ID	Q00022

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