Native Agaricus bisporus lectin Protein, Fluorescein labeled

Lectin-1761A Agaricus bisporus
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.
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.
Source	Agaricus bisporus
Species	Agaricus bisporus
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
Storage	Refrigerate in the dark.
Concentration	1 mg/ml
Synonyms	Lectin; ABL
UniProt ID	Q00022

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