

## Active Native Agaricus bisporus lectin Protein

**Cat. No.** Lectin-1760A    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	This product is the unconjugated Agaricus bisporus lectin and has sugar specificity against Gal(b-1,3)GalNAc (T disaccharide).
<b>Species</b>	Agaricus bisporus
<b>Source</b>	Agaricus bisporus
<b>Description</b>	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 ( $\beta$ -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.
<b>Form</b>	10 mM HEPES, pH 7.5, 150 mM NaCl, 0.08% sodium azide
<b>Bio-activity</b>	Sugar Specificity: Gal(b-1,3)GalNAc (T disaccharide)
<b>Applications</b>	Immunofluorescence, Glycobiology
<b>Storage</b>	Refrigerate in the dark.

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**Concentration** 2 mg/ml

## GENE INFORMATION

**Synonyms** Lectin; ABL

**UniProt ID** [Q00022](#)

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