21510154

Agaricus bisporus Lectin (ABA/ABL) - Pure

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-ß-1,3-N-acetylgalactosamine and another for galactose-ß-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.

Specifications:

- **Source**: *Agaricus bisporus* (White Button Mushroom)
- **Activity**: 5-10 µg/ml will agglutinate type A or B cells. 2 µg/ml will agglutinate type O cells. Less than 0.5 µg/ml will agglutinate neuraminidase treated erythrocytes.
- **Carbohydrate Specificity**: Galactose (β-1,3), N-Acetylgalactosamine
- **Inhibitory Carbohydrate:** Fetuin
- **Mitogenic Activity**: No
- **Divalent Ions required**: None

Storage and Stability:

Store frozen at -20°C in amber vials or covered with foil in appropriate aliquot sizes. Avoid freeze thaw cycles. Can be stored at 2-8°C for short term use.

Other Related Products:

SKU	Item Name
20120053	Agaricus bisporus Lectin (ABA/ABL) – Separopore® 4B
20810008	Agaricus bisporus Lectin (ABA/ABL) – FITC
21511045	Agaricus bisporus Lectin (ABA/ABL) – HRP
21510967	Agaricus bisporus Lectin (ABA/ABL) – Texas Red
21511046	Agaricus bisporus Lectin (ABA/ABL) – Rhodamine (TRITC)

For all glycobiology products visit: www.glycomatrix.com. GlycoMatrix™ is a division of bioWORLD with focus on glycobiology research and development.

4150 Tuller Road Suite 228 Dublin, Ohio 43017
P: 614 792 8680 • F: 614 792 8685 • E: info@glycomatrix.com • W: www.glycomatrix.com