Native Soybean Glycine max Lectin (SBA), Biotinylated-Conjugated

Cat. No. SBA-062S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Soybean Glycine max Lectin (SBA) - Biotinylated Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-N-Acetylgalactosamine > β-N-Acetylgalactosamine Inhibiting or Eluting Sugar: N-Acetylgalactosamine Divalent Ions: Ca++, Mn++ Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Soybean
Source	Soybean
Description	Glycine max agglutinin (SBA) is isolated is purified by affinity chromatography. It is consists of four subunits of identical size. SBA has specificity for blood groups A1, A2, and B, and interacts better with neuramidase-treated cells than untreated cells. This lectin has selective affinity for lymphocytes and human CD34+ hematopoietic stem cells. Immobilized conjugates of SBA are important tools for removing T-cells in bone marrow transplants. Biotin is a small molecule involved in a wide range of metabolic processes. This ligand forms a complex with Avidin and Streptavidin, resulting in the strongest non-covalent protein-ligand interaction known. Biotinylated Glycine max (Soybean) Lectin (SBA) has an appropriate amount of biotin bound to provide optimum detection characteristics when using an Avidin-HRP or Streptavidin-HRP conjugate. Biotinylated lectins allow for more sensitive detection in ELISA and

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

	Western-blotting applications.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	5 mg/mL

GENE INFORMATION

Official Symbol	SBA
Synonyms	Glycine max Lectin; SBA

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