

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

Cat. No. SBA-264S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Soybean Glycine max Lectin (SBA) - Ferritin 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 and purified by affinity chromatography. It 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. Glycine max (Soybean) Lectin (SBA) is conjugated to ferritin, that has a molecular weight of 474,000 g/mol (all 24 subunits combined). Ferritin-conjugated lectins can be used to visualize localization of specific saccharide moieties and examine the distribution of plasma membrane glycoproteins. These conjugates can be viewed via electron microscopy.
Form	Liquid

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Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	1 mg/mL
GENE INFORMATION	
Official Symbol	SBA
Synonyms	Glycine max Lectin; SBA

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