

Native Soybean Glycine max Lectin (SBA)

Cat. No. SBA-625S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Soybean Glycine max Lectin (SBA) - Pure Blood Group Specificity: A>O>B 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.
Form	Lyophilized
Molecular Mass	120 kDa
Purity	High Purity Grade

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Storage	At -20 centigrade.
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GENE INFORMATION

Official Symbol	SBA
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Synonyms	Glycine max Lectin; SBA
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WB	
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