

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

Cat. No. SBA-357S **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Native Soybean Glycine max Lectin (SBA) - HRP (Horseradish Peroxidase)
 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. Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes the oxidation of substrates by hydrogen peroxide, resulting in a colored or fluorescent product or release of light as a byproduct of the reaction. It is most commonly used for blotting, immunoassays and immunohistochemistry methods. Glycine max (Soybean) Lectin (SBA) is conjugated to HRP at an appropriate ratio to provide optimal staining characteristics.

 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

Form	Liquid
Molecular Mass	140 kDa
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL
GENE INFORMATION	
Official Symbol	SBA
Synonyms	Glycine max Lectin; SBA

 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