

# Glycine max Lectin (SBA) - Pure

Cat PL00454

Size 10 mg/25 mg

## Sugar Specificity

$\alpha$ -N-Acetylgalactosamine >  $\beta$ -N-Acetylgalactosamine

## Description

Glycine max lectin (SBA) is purified by affinity chromatography. It consists of four subunits of the same size. SBA is specific for A1, A2, and B blood groups and interacts better with ceramidase-treated cells than untreated cells. The lectin has a selective affinity for lymphocytes and human CD34+ hematopoietic stem cells. Immobilized SBA conjugate is an important tool for clearing t cells in bone marrow transplantation.

## Abbreviation

SBA

## Material Source

Soybean

## Conjugate

None

## Purity

High Purity Grade

## Shelf Life

2 years

## Blood Group Specificity

A>O>B

## Sugar Specificity

$\alpha$ -N-Acetylgalactosamine >  $\beta$ -N-Acetylgalactosamine

## Inhibiting or Eluting Sugar

N-Acetylgalactosamine

## Divalent Ions

Ca<sup>++</sup>, Mn<sup>++</sup>

## Mitogenic Activity

Yes

## Format

Lyophilized

## Storage

-20°C

## Molecular Weight

120 kDa

## Hazardous Shipping

Non-hazardous

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**