

Glycine max Lectin (SBA) - Pure

Cat PL00160

Size 10 mg/25 mg

Sugar Specificity

α -N-Acetylgalactosamine > β -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

α -N-Acetylgalactosamine > β -N-Acetylgalactosamine

Inhibiting or Eluting Sugar

N-Acetylgalactosamine

Divalent Ions

Ca⁺⁺, Mn⁺⁺

Mitogenic Activity

Yes

Format

Lyophilized

Storage

-20°C

Molecular Weight

120 kDa

Hazardous Shipping

Non-hazardous

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