

# Glycine max Lectin (SBA) - Cy5

Cat PL00448

Size 1 mg

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## Sugar Specificity

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

## Description

After Cy5 binds to Glycine max(Soybean) Lectin (SBA), the binding pattern of this lectin can be revealed by cell imaging and flow cytometry. The excitation wavelength required for Cy5 fluorescence is high enough to avoid overlapping with most other fluorescent dyes, making it useful for double-labeling experiments. Because of this high excitation, the autofluorescent background of biological specimens is usually less.

## Abbreviation

SBA

## Material Source

Soybean

## Conjugate

Cyanine 5 (Cy5)

## Concentration

1 mg/mL

## Shelf Life

1 year

## Blood Group Specificity

Non-specific

## 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

Liquid

## Storage

2-8°C

## Molecular Weight

N/A

## Excitation

650 nm

## Emission

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Glycine max Lectin (SBA) - Cy5

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670 nm

## Fluorescence

Red

## Hazardous Shipping

Non-hazardous

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