

# Griffonia simplicifolia Lectin (GSL I) - Cy5

Cat PL00465

Size 1 mg

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## Sugar Specificity

$\alpha$ -Galactose,  $\alpha$ -N-Acetylgalactosamine

## Description

When Cy5 binds to the Griffonia simplicifolia lectin (GSLI), the binding pattern of this lectin can be shown in 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

GSL I

## Material Source

Bandeiraea

## Conjugate

Cyanine 5 (Cy5)

## Concentration

1 mg/mL

## Shelf Life

1 year

## Blood Group Specificity

Non-specific

## Sugar Specificity

$\alpha$ -Galactose,  $\alpha$ -N-Acetylgalactosamine

## Inhibiting or Eluting Sugar

Galactose, N-Acetylgalactosamine

## Divalent Ions

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

## Mitogenic Activity

No

## Format

Liquid

## Storage

2-8°C

## Excitation

650 nm

## Emission

670 nm

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## Fluorescence

Red

## Hazardous Shipping

Non-hazardous

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