

Datura stramonium Lectin (DSA/DSL) - Cy5

Cat PL00348

Size 1 mg

Sugar Specificity

(N-Acetylglucosamine)2-4

Description

After Cy5 binds to Datura lectin (DSA/DSL), 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

DSA/DSL

Material Source

Jimson weed

Conjugate

Cyanine 5 (Cy5)

Concentration

1 mg/mL

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

(N-Acetylglucosamine)2-4

Inhibiting or Eluting Sugar

Chitin Hydrolysate

Divalent Ions

None Required

Mitogenic Activity

Yes

Format

Liquid

Storage

2-8°C

Excitation

650 nm

Emission

670 nm

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *PL00348*

Size *1 mg*

Fluorescence

Red

Hazardous Shipping

Non-hazardous

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