Native Jimson weed Datura stramonium Lectin (DSA/DSL), Cy5-Conjugated

Cat. No. DSA/DSL-208J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jimson weed Datura stramonium Lectin (DSA/DSL) - Cy5 Blood Group Specificity: Non-specific Preferred Sugar Specificity: (N-Acetylglucosamine)2-4 Inhibiting or Eluting Sugar: Chitin Hydrolysate Divalent Ions: None Required Excitation: 650 nm Emission: 670 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Red
Species	Jimson weed
Source	Jimson weed
Description	Cy5, when bound to Datura stramonium Lectin (DSA/DSL), can show the binding pattern of this lectin in cellular imaging and flow cytometry. The excitation wavelength required for Cy5 to fluoresce is high enough to avoid overlap with most other fluorochromes, making it useful for dual-labeling experiments. Because of this high excitation, there is typically less background from autofluorescence of biological specimens.
Form	Liquid

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Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

Official Symbol	DSA/DSL
Synonyms	Datura stramonium Lectin; DSA/DSL

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