

Native Jackbean Concanavalin A Lectin (Con A), Cy5-Conjugated

Cat. No. Con A-206J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jackbean Concanavalin A Lectin (Con A) - Cy5
	Blood Group Specificity: Non-specific
	Preferred Sugar Specificity: α -Mannose, α -Glucose
	Inhibiting or Eluting Sugar: α -Methylmannoside + α -Methylglucoside
	Divalent Ions: Ca ⁺⁺ , Mn ⁺⁺
	Excitation: 650 nm
	Emission: 670 nm
	Mitogenic Activity: Yes
	Hazardous Shipping: Non-hazardous
	Fluorescence: Red
	Appearance Color: Red
Species	Jack Bean
Source	Jackbean
Description	Cy5, when bound to Concanavalin A (Jackbean) Lectin (Con A), 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.

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Form	Liquid
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	1 mg/mL
GENE INFORMATION	
Official Symbol	Con A
Synonyms	Concanavalin A Lectin; Con A

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