

Native Garlic Allium sativum Lectin (ASA), Cy5-Conjugated

Cat. No. ASA-201G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Garlic Allium sativum Lectin (ASA) - Cy5
	Blood Group Specificity: Non-specific
	Preferred Sugar Specificity: Mannose
	Inhibiting or Eluting Sugar: $\alpha(1,3)$ -Linked Mannosyl Units
	Divalent Ions: None Required
	Excitation: 650 nm
	Emission: 670 nm
	Hazardous Shipping: Non-hazardous
Fluorescence: Red	
Species	Garlic
Source	Garlic
Description	Allium sativum lectin (ASA) is purified first with affinity chromatography and then with gel filtration. In addition, the removal of sialic acids enhances binding activity. Cy5, when bound to Allium sativum Lectin (ASA), 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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 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Official Symbol	ASA
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Synonyms	Allium sativum Lectin; ASA
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