

Native Garlic *Allium sativum* Lectin (ASA), TRITC-Conjugated

Cat. No. ASA-480G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Garlic <i>Allium sativum</i> Lectin (ASA) - TRITC (Rhodamine) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Mannose Inhibiting or Eluting Sugar: $\alpha(1,3)$-Linked Mannosyl Units Divalent Ions: None Required Excitation: 545-555 nm Emission: 570-580 nm Hazardous Shipping: Non-hazardous Fluorescence: Orange
Species	Garlic
Source	Garlic
Description	<i>Allium sativum</i> lectin (ASA) is purified first with affinity chromatography and then with gel filtration. The lectin recognizes internal mannose and binds to the core pentasaccharide of N-linked glycans. In addition, the removal of sialic acids enhances binding activity. <i>Allium sativum</i> Lectin (ASA) is labeled with tetramethylrhodamine isothiocyanate (TRITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. TRITC is a bright orange or red-fluorescent dye with excitation ideally suited to the 532-nm laser line. TRITC labeled ASA can be used for cellular imaging applications.
Form	Liquid

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

Official Symbol	ASA
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Synonyms	Allium sativum Lectin; ASA
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