

Active Native Sambucus Nigra Lectin Protein, Cy3 labeled

Cat. No. Lectin-1839S Lot. No. (See product label)

SPECIFICATION

Product Overview	This product is the Cy3 labeled Sambucus Nigra Lectin and has sugar specificity against Sialic Acid. The excitation maximum is at 525 nm and the emission maximum is at 565 nm.
Species	Sambucus nigra
Source	Sambucus nigra
Description	Sambucus nigra lectin, isolated from elderberry bark, binds preferentially to sialic acid attached to terminal galactose in α -2,6 and to a lesser degree, α -2,3 linkage. Binding is also inhibited to some extent by lactose or galactose. This lectin does not appear to bind sialic acid linked to N-acetylgalactosamine. SNA has been reported to inhibit cell-free protein synthesis.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca ²⁺ , 0.01 mM Mn ²⁺ , and a protein stabilizer.
Bio-activity	Carbohydrate-Binding Specificity: Sialic Acid
Molecular Mass	140 kDa
Applications	Immunofluorescence, Glycobiology
Usage	The recommended concentration range for use is 5-20 μ g/ml.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Storage	Refrigerate in the dark. If a precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade and centrifuge before use.
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Concentration	1 mg/ml
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GENE INFORMATION

Synonyms	Lectin; SNA; EBL
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UniProt ID	O04366
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