Active Native Sambucus Nigra Lectin Protein, Fluorescein labeled

Cat. No. Lectin-1738S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Sambucus Nigra Lectin and has sugar specificity against Sialic Acid. The excitation maximum is at 495 nm and the emission maximum is at 515 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 Ca2+
Bio-activity	Carbohydrate-Binding Specificity: Sialic Acid
Molecular Mass	140 kDa
Applications	Immunofluorescence, Glycobiology
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	2 mg/ml

GENE INFORMATION

Synonyms	Lectin; SNA, EBL
UniProt ID	O04366

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