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# Sambucus Nigra Lectin (SNA, EBL), Fluorescein

## FL-1301-2

[Product Images](#)

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## Short Description

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*Sambucus nigra* lectin, isolated from elderberry bark, binds preferentially to sialic acid attached to terminal galactose in  $\alpha$ -2,6 and to a lesser degree,  $\alpha$ -2,3 linkage. Binding is also inhibited to some extent by lactose or galactose. This lectin appears to bind sialic acid linked to *N*-acetylgalactosamine or galactose. SNA has been reported to inhibit cell-free protein synthesis.

Fluorescein labeled *Sambucus nigra* lectin has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorochromes. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.

## Additional Information

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Unit Size	2 mg
Applications	Immunofluorescence, Glycobiology
Recommended Usage	The recommended concentration range for use is 5-20 $\mu$ g/ml.
Recommended Storage	2-8°C
Maximum Excitation	495-500 nm
Maximum Emission	514-521 nm
Solution	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide. 0.1 mM CaCl <sub>2</sub>
Concentration	2 mg active conjugate/ml
Conjugate	Fluorescein
Color of Fluorescence	Green
Sugar Specificity	Sialic Acid

