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SAMBUCUS NIGRA LECTIN (SNA, EBL), UNCONJUGATED

SKU: L-1300-5

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 appears to bind sialic acid linked to *N*-acetylgalactosamine or galactose. SNA has been reported to inhibit cell-free protein synthesis.

SPECIFICATIONS

Molecular Weight	140
Extinction Coefficient	1.5
Inhibiting or Eluting Sugar	Lactose or Neuraminidase treatment
Unit Size	5 mg
Storage Instructions	2-8 °C
Sugar Specificity	α2,6-sialylated LacNAc and α2,6-sialylated LacdiNAc

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Usage Summary	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 7.5 – 8.5, 0.1 mM CaCl2is recommended. For preserving solutions stored at 4 ºC, 0.08% sodium azide can be used.
Applications	Glycobiology
Conjugate	Unconjugated

TECHNICAL INFORMATION

Elution: 500 mM lactose in buffered saline followed by 500 mM lactose in acetic acid

CITATIONS

DOCUMENTS

- Lectins in Histochemistry, ELISA, and Western Blot Applications
- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

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