Native Elderberry Sambucus nigra Lectin (SNA/EBL II)

Cat. No. SNA/EBL II-707E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Elderberry Sambucus nigra Lectin (SNA/EBL II) - Pure Blood Group Specificity: Non-specific Preferred Sugar Specificity: N-Acetylgalactosamine > Galactose Inhibiting or Eluting Sugar: Lactose > β-Galactose Divalent Ions: None Required Hazardous Shipping: Non-hazardous
Species	Elderberry
Source	Elderberry
Description	Sambucus nigra lectin (EBL II/SNA II) isaffinity purified from elderberry bark. This lectin is a glycoprotein containing 7. 8% carbohydrate and is not blood group specific. It is composed of two subunits and has a molecular weight of 140,000. EBL II has a specificity for carbohydrates containing terminal N-acetylgalactosamine and galactose residues. EBL II induces caspase-dependent apoptosis at low concentrations (nM) order, leading to typical symptoms of cell death in sensitive cells. This effect seems dependent on the carbohydrate binding B-chain.
Form	Lyophilized
Molecular Mass	140 kDa
Applications	Glycobiology

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Storage	At -20 centigrade.

GENE INFORMATION

Official Symbol	SNA/EBL II
Synonyms	Sambucus nigra Lectin; SNA/EBL II

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