Sambucus Nigra Lectin (SNA, EBL), CY3

Cat: S8353
Specification:100μg/1mg
Storage: Store at 2-8℃.

Product Information

English name： Sambucus Nigra Lectin (SNA, EBL), CY3
Appearance (Character)： Red
Concentration: 1mg/ml
Recommended concentration: 5-20 μg/ml
Ex/Em (nm):552/565 nm
Solvents: 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM CaCl2 and proprietary stabilizer

Introduction

Elderberry lectins isolated from the bark of elderberry preferentially bind to sialic acid linked to the α-2,6 terminal galactose, while the binding degree of α-2,3 bonds is lower. Lactose or galactose also inhibits binding to a certain extent. This lectin seems to be able to bind to sialic acid linked to N-acetylgalactosamine or galactose. SNA can inhibit the synthesis of free proteins. Cy3-labeled elderberry lectin has an appropriate amount of fluorescent dye that can be combined to provide optimal staining characteristics for the lectin. The conjugate is essentially free of non-conjugated fluorescent dye.
Applications: Immunofluorescence, Glycobiology

Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.