

Active Native Solanum Tuberosum Lectin Protein, Biotinylated

Cat. No. Lectin-1842S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Solanum Tuberosum (Potato) Lectin and has sugar specificity against N-Acetylglucosamine.
Species	Solanum Tuberosum
Source	Solanum Tuberosum
Description	This lectin binds oligomers of N-acetylglucosamine and some bacterial cell wall oligosaccharides containing N-acetylglucosamine and N-acetylmuramic acid. Although the carbohydrate binding specificity is similar to wheat germ agglutinin and Datura stramonium lectin, several differences have been reported for potato lectin.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM Ca ²⁺ .
Bio-activity	Inhibiting/Eluting Sugar: Chitin Hydrolysate
Molecular Mass	100 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Usage	For most applications, we recommend a freshly prepared working solution of 5-20 g/ml.
Storage	Refrigerate; for long term storage, aliquots may be stored frozen.

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GENE INFORMATION

Synonyms	Lectin; STL; PL
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UniProt ID	Q9S8M0
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