

Active Native Narcissus Pseudonarcissus Lectin Protein, Biotinylated

Cat. No. Lectin-1811N **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Hippeastrum Hybrid (Amaryllis) Lectin and has sugar specificity against Mannose.
Species	Narcissus Pseudonarcissus
Source	Narcissus Pseudonarcissus
Description	NPL, isolated from daffodil bulbs, has a specificity toward α -linked mannose, preferring polymannose structures containing (α -1,6) linkages. Binding to mannose polymers can occur via internal mannose residues and is not dependent on structural integrity of a non-reducing end sugar. NPL also binds some galactomannans, and differs in other binding characteristics from a related lectin, Galanthus nivalis lectin. Unlike Con A, LCA, or PSA, NPL does not bind glucose.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide
Bio-activity	Inhibiting Sugar: 500 mM galactose
Molecular Mass	59 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Usage	For most applications, we recommend a freshly prepared working solution of 5-20

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g/ml.

Storage Refrigerate; for long term storage, aliquot and store frozen.

Concentration 2mg/ml

GENE INFORMATION

Synonyms Lectin; NPL, NPA

UniProt ID [Q40423](#)

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