



Narcissus Pseudonarcissus (Daffodil) Lectin (NPL, NPA), Biotinylated

B-1375-2

[Product Images](#)



Short 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.

Biotinylated *Narcissus pseudonarcissus* lectin has an appropriate number of biotins bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated biotins and is preserved with sodium azide.

Additional Information

Unit Size	2 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Recommended Usage	For most applications, we recommend a freshly prepared working solution of 5-20 μ g/ml in the above buffer.
Recommended Storage	2-8 $^{\circ}$ C
Solution	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide
Concentration	2 mg active conjugate/ml
Conjugate	Biotinylated
Sugar Specificity	Mannose

