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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Galanthus Nivalis Lectin (GNL), Biotinylated

B-1245-2

[Product Images](#)



Short Description

Galanthus nivalis lectin, unlike most mannose-specific lectins, is not a metalloprotein and does not require Ca^{++} or Mn^{++} for binding.

Binding seems to be preferentially directed toward structures containing (α -1,3) mannose residues. Also in contrast to most mannose-binding lectins, GNL will not bind α -linked glucose. Reports indicate that this lectin binds rat and mouse IgM but not IgG. The only protein from human serum reported to bind to this lectin is α 2-macroglobulin. GNL binds to many viral glycoproteins.

Biotinylated *Galanthus nivalis* 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 $\mu\text{g}/\text{ml}$ in the above buffer. A precipitate may form during storage. This does not have a significant adverse effect on the product. If a precipitate forms upon long-term storage, warm to 37 $^{\circ}\text{C}$ and centrifuge before use.
Recommended Storage	2-8 $^{\circ}\text{C}$; Store frozen for long term storage
Solution	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM CaCl_2 .
Concentration	2 mg/ml
Conjugate	Biotinylated
Sugar Specificity	Mannose

